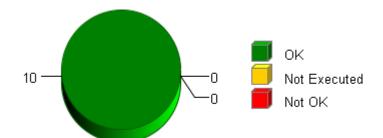


Summary

Overall Test Object Results (including Coverage)

Total Test Objects: 10
Successful: 10
Failed: 0
Not Executed: 0

Date: 2015-06-29 **Time:** 18:24:38+0530



Selected Project Items

Test Object "CBD UnitTest/EOTActuatorMng/EOTActuatorMng Per1"

Test Object "CBD UnitTest/EOTActuatorMng/EOTDetermination"

Test Object "CBD_UnitTest/EOTActuatorMng/EOTOrigImpact"

Test Object "CBD UnitTest/EOTActuatorMng/SES CalcEnterGain"

Test Object "CBD_UnitTest/EOTActuatorMng/SES_CalcEOTDamp"

Test Object "CBD UnitTest/EOTActuatorMng/SES CalcEOTGain"

Test Object "CBD_UnitTest/EOTActuatorMng/SES_CalcExitGain"

Test Object "CBD_UnitTest/EOTActuatorMng/SES_DetLmtPos"

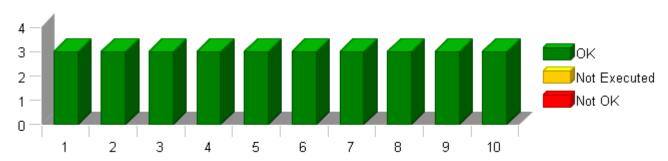
Test Object "CBD UnitTest/EOTActuatorMng/SES FiltEOTGain"

Test Object "CBD_UnitTest/EOTActuatorMng/SES_StateCtrl"

Used Test Environments

TI TMS 570 PLS UDE (Default)

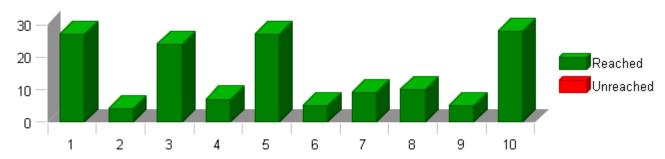
Test Case Results for Each Test Object (without Coverage)



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).

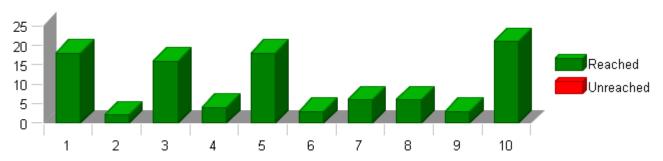


Statement (C0) Coverage: Total Statements for Each Test Object



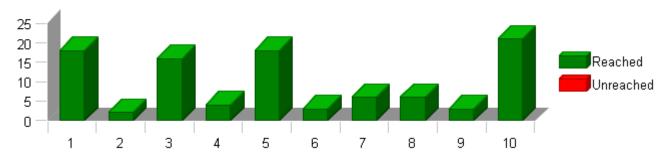
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

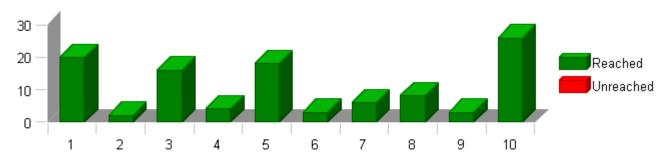


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



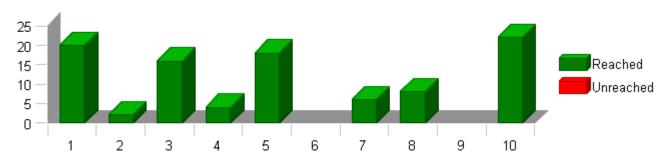
MC/DC Coverage: Total Condition Combinations for Each Test Object



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	CO	C1	DC	MC/DC	MCC	Test Cases Result
	EOTActuatorMng	100 %	100 %	100 %	100 %	100 %	30 of 30 passed
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	30 of 30 passed
	EOTActuatorMng	100 %	100 %	100 %	100 %	100 %	30 of 30 passed
1	EOTActuatorMng_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
2	<u>EOTDetermination</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
3	<u>EOTOrigImpact</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
4	SES CalcEnterGain	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
5	SES CalcEOTDamp	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
6	SES CalcEOTGain	100 %	100 %	100 %	100 %	-	3 of 3 passed
7	SES CalcExitGain	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
8	SES DetLmtPos	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
9	SES FiltEOTGain	100 %	100 %	100 %	100 %	-	3 of 3 passed
10	SES StateCtrl	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

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2015-06-29, 18:20:15+0530



SES_FiltEOTGain

 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 SES_FiltEOTGain

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) 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_EOTActuatorMng\EOTActuatorMng	
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(PROJECTROOT)\\utp\\contract \Ap_EOT\actuatorMng -I\$(PROJECTROOT)\\utp\\contract -I\$(Compiler Install Path)\\include	
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include	

Comments/Description/Specification					
Name	Text				
Module 'EOTActuatorMng'	/*************************************				

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			
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			

2015-06-29, 18:20:15+0530

SES_FiltEOTGain



Attributes				
Name	Value			
Timer Prescale	0			
Timer Resolution				
UDE Config File \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg				
Orkspace File D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP				



Test Case 1: Metrics Test

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

TS1.1 30 cycles TS1.2 30 cycles

Description Vector Description

TS1.1"Shortest Execution Path: SESState_Uls_M_enum = SES_DISABLED" TS1.2"Longest Execution Path: SESState_Uls_M_enum = Else"

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	214748365		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTGain_Uls_T_f32	0.69999988		
k_EOTEnterLPFKn_Cnt_u16	20583		
k_EOTExitLPFKn_Cnt_u16	3991		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	293215416	293215416 ± 1	✓
SES_FiltEOTGain()	0.136535645	0.136535645	~

Test Step 1.2 (Repeat Count = 1)				
Name	Input Value			
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094			
SES_NORMAL SES_NORMAL				
EOTGain_Uls_T_f32	0.40000006			
k_EOTEnterLPFKn_Cnt_u16	20583			
k_EOTExitLPFKn_Cnt_u16	3991			
Name	Actual Value	Expected Value	Result	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	711695585	711695585 ± 1	✓	
SES_FiltEOTGain()	0.331390381	0.331390381	✓	





Test Case 2: Boundary Test

Specification

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

TS2.1 30 cycles
TS2.2 30 cycles
TS2.3 30 cycles
TS2.4 30 cycles
TS2.5 30 cycles
TS2.5 30 cycles
TS2.6 30 cycles
TS2.7 30 cycles
TS2.9 30 cycles
TS2.10 30 cycles
TS2.11 30 cycles
TS2.12 30 cycles
TS2.12 30 cycles
TS2.13 30 cycles
TS2.14 30 cycles
TS2.15 30 cycles
TS2.16 30 cycles
TS2.17 30 cycles
TS2.17 30 cycles
TS2.18 30 cycles
TS2.18 30 cycles
TS2.18 30 cycles
TS2.18 30 cycles

Description Vector Description

TS2.1EOTGain_UIs_T_f32 min
TS2.2EOTGain_UIs_T_f32 max
TS2.3EOTGain_UIs_T_f32 pos
TS2.4SESState_UIs_M_enum min
TS2.5SESState_UIs_M_enum =1
TS2.6SESState_UIs_M_enum =2
TS2.7SESState_UIs_M_enum =2
TS2.7SESState_UIs_M_enum max
TS2.8FiltEOTGainSV_HwNm_M_u1p31 min
TS2.9FiltEOTGainSV_HwNm_M_u1p31 pos
TS2.10FiltEOTGainSV_HwNm_M_u1p31 pos
TS2.11k_EOTExitLPFKn_Cnt_u16 min
TS2.12k_EOTExitLPFKn_Cnt_u16 mid/default
TS2.13k_EOTExitLPFKn_Cnt_u16 mid/default
TS2.14k_EOTEnterLPFKn_Cnt_u16 mid/default
TS2.15k_EOTEnterLPFKn_Cnt_u16 mid/default
TS2.16k_EOTEnterLPFKn_Cnt_u16 mid/default
TS2.16k_EOTEnterLPFKn_Cnt_u16 mid/default
TS2.17All min
TS2.18All max TS2.18All max

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	429496730		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTGain_Uls_T_f32	0		
k_EOTEnterLPFKn_Cnt_u16	6544		
k_EOTExitLPFKn_Cnt_u16	111		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	386613898	386613898 ± 1	~
SES_FiltEOTGain()	0.180023193	0.180023193	✓

Test Step 2.2 (Repeat Count = 1)				
Name	Input Value			
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	214748365			
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL			
EOTGain_Uls_T_f32	1			
k_EOTEnterLPFKn_Cnt_u16	3643			
k_EOTExitLPFKn_Cnt_u16	222			
Name	Actual Value	Expected Value	Result	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	322187721	322187721 ± 1	~	
SES FiltEOTGain()	0.150024414	0.150024414	✓	

Test Step 2.3 (Repeat Count = 1)				
Name	Input Value			
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094	644245094		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING			
EOTGain_Uls_T_f32	0.20000003			
k_EOTEnterLPFKn_Cnt_u16	854			
k_EOTExitLPFKn_Cnt_u16	333			
Name	Actual Value	Expected Value	Result	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	641446536	641446536 ± 1	✓	
SES_FiltEOTGain()	0.298675537	0.298675537	✓	





Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1717986918		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTGain_Uls_T_f32	0.10000001		
k_EOTEnterLPFKn_Cnt_u16	799		
k_EOTExitLPFKn_Cnt_u16	444		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1626441360	1626441360 ± 1	~
SES_FiltEOTGain()	0.757354736	0.757354736	✓

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1717986918		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.10000001		
k_EOTEnterLPFKn_Cnt_u16	799		
k_EOTExitLPFKn_Cnt_u16	444		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1699659456	1699659455 ± 1	✓
SES_FiltEOTGain()	0.791442871	0.791442871	✓

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1503238554		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTGain_Uls_T_f32	0.20000003		
k_EOTEnterLPFKn_Cnt_u16	600		
k_EOTExitLPFKn_Cnt_u16	555		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1493408154	1493408154 ± 1	~
SES_FiltEOTGain()	0.695404053	0.695404053	✓

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1503238554		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	0.20000003		
k_EOTEnterLPFKn_Cnt_u16	600		
k_EOTExitLPFKn_Cnt_u16	555		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1494145434	1494145434 ± 1	~
SES_FiltEOTGain()	0.695739746	0.695739746	✓

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.30000012		
k_EOTEnterLPFKn_Cnt_u16	500		
k_EOTExitLPFKn_Cnt_u16	666		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	4915000	4915000 ± 1	•
SES FiltEOTGain()	0.00225830078	0.00225830101	•

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTGain_Uls_T_f32	0.40000006

2015-06-29, 18:20:15+0530



SES_FiltEOTGain

Name	Input Value		
k_EOTEnterLPFKn_Cnt_u16	486		
k_EOTExitLPFKn_Cnt_u16	777		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2137928402	2137928402 ± 1	~
SES_FiltEOTGain()	0.995544434	0.995544434	✓

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	429496730		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.600000024		
k_EOTEnterLPFKn_Cnt_u16	400		
k_EOTExitLPFKn_Cnt_u16	888		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	434739530	434739530 ± 1	✓
SES_FiltEOTGain()	0.202423096	0.202423096	✓

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	858993459		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	0.69999988		
k_EOTEnterLPFKn_Cnt_u16	300		
k_EOTExitLPFKn_Cnt_u16	82		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	859799519	859799519 ± 1	✓
SES_FiltEOTGain()	0.400360107	0.400360107	✓

Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1073741824		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	0.800000012		
k_EOTEnterLPFKn_Cnt_u16	200		
k_EOTExitLPFKn_Cnt_u16	30573		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1374274414	1374274414 ± 1	•
SES FiltEOTGain()	0.639923096	0.639923096	•

Test Step 2.13 (Repeat Count = 1)			~
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1288490189		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	0.89999976		
k_EOTEnterLPFKn_Cnt_u16	100		
k_EOTExitLPFKn_Cnt_u16	3991		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1327725710	1327725710 ± 1	•
SES FiltEOTGain()	0.618255615	0.618255615	

Test Step 2.14 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	536870912		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.150000006		
k_EOTEnterLPFKn_Cnt_u16	82		
k_EOTExitLPFKn_Cnt_u16	999		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	536602198	536602198 ± 1	•
SES FiltEOTGain()	0.249847412	0.249847412	•



Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1022202216		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTGain_Uls_T_f32	0.25		
k_EOTEnterLPFKn_Cnt_u16	30573		
k_EOTExitLPFKn_Cnt_u16	1000		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	795809151	795809151 ± 1	✓
SES_FiltEOTGain()	0.370574951	0.370574951	✓

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	923417969		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.34999994		
k_EOTEnterLPFKn_Cnt_u16	20583		
k_EOTExitLPFKn_Cnt_u16	6565		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	869449343	869449343 ± 1	~
SES_FiltEOTGain()	0.404846191	0.404846191	✓

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTGain_Uls_T_f32	0		
k_EOTEnterLPFKn_Cnt_u16	82		
k_EOTExitLPFKn_Cnt_u16	82		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0	0 ± 1	~
SES_FiltEOTGain()	0	0	~

Test Step 2.18 (Repeat Count = 1)			✓.
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	1		
k_EOTEnterLPFKn_Cnt_u16	30573		
k_EOTExitLPFKn_Cnt_u16	30573		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	2147483648 ± 1	~
SES_FiltEOTGain()	1	1	✓

Test Case 3: Path Test

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

TS3.1 30 cycles TS3.2 30 cycles TS3.3 30 cycles

Description Vector Description

TS3.1SESState_UIs_M_enum = SES_DISABLED TS3.2SESState_UIs_M_enum = SES_EXITING TS3.3SESState_UIs_M_enum = Else

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	214748365

SES_FiltEOTGain

2015-06-29, 18:20:15+0530



Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTGain_Uls_T_f32	0.69999988		
k_EOTEnterLPFKn_Cnt_u16	20583		
k_EOTExitLPFKn_Cnt_u16	3991		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	293215416	293215416 ± 1	✓
SES_FiltEOTGain()	0.136535645	0.136535645	✓

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	429496730		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTGain_Uls_T_f32	0.80000012		
k_EOTEnterLPFKn_Cnt_u16	20583		
k_EOTExitLPFKn_Cnt_u16	3991		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	507963781	507963781 ± 1	~
SES_FiltEOTGain()	0.23651123	0.23651123	~

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTGain_Uls_T_f32	0.40000006		
k_EOTEnterLPFKn_Cnt_u16	20583		
k_EOTExitLPFKn_Cnt_u16	3991		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	711695585	711695585 ± 1	~
SES_FiltEOTGain()	0.331390381	0.331390381	~

2015-06-29, 18:13:48+0530





 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 SES_CalcEOTDamp

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_EOTActuatorMng\EOTActuatorMng
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\stdDef\include -I\$(PROJECTROOT)\\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\utp\contract -I\$(Compiler Install Path)\\include
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include

Name	Text
Module 'EOTActuatorMng'	/*** Name of Tester:Priti Manglekar Code File(s) Under Test:Ap_EOTActuatorMng.c Code File(s) Version:19 Module Design Document:End_of_Travel_Actuator_Management_MDD.docx Module Design Document Version:25 Data Dictionary Version:21 Unit Test Plan Version:11 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 1.32 Total FLASH Used (Bytes):2914 Total RAM Used (Bytes):170 Special Test Requirements: Test Date:6/29/2015 Comments:"NOTE 1: Inline functions defined in GlobalMacro.h are not unittested. NOTE 2: ""CBD_Sandbox_dbg.map" is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
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	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

2015-06-29, 18:13:48+0530

SES_CalcEOTDamp



Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

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

TS1.1 46 cycles TS1.2 541 cycles

Description Vector Description

TS1.1"Shortest Execution Path:
(SESState_Uls_M_enum = SES_DISABLED)=True"
TS1.2"Longest Execution Path:
(HandWheelPos4_HwDeg_T_f32 < D_ZERO_ULS_F32)=True and

(SESState_Uls_M_enum = SES_EXITING)=False"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-555.299988		
CwEOT_HwDeg_T_f32	777.799988		
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
HandWheelPos_HwDeg_T_f32	-1100.30005		
MotorVel_MtrRadpS_T_f32	770.700012		
VehicleSpeed_Kph_T_f32	188.300003		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4800		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.0000390625	~
SES_CalcEOTDamp()	-8.80000019	-8.80000019	✓

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
CcwEOT_HwDeg_T_f32	0
CwEOT_HwDeg_T_f32	0
EOTActuatorMng_Damping_MtrNm_M_f32	8.80000019
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	-400.399994
MotorVel_MtrRadpS_T_f32	805.200012
VehicleSpeed_Kph_T_f32	111.699997

2015-06-29, 18:13:48+0530



SES_CalcEOTDamp

Name	Input Value		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	16		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	32		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	64		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	80		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	96		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.4000001	6.4000001 ± 0.0000390625	-
SES CalcEOTDamp()	6.4000001	6.4000001	✓

T					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	



Test Case 2: Boundary Test

```
Specification
```

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

TS2.1 454 cycles
TS2.2 455 cycles
TS2.3 454 cycles
TS2.3 454 cycles
TS2.5 542 cycles
TS2.5 552 cycles
TS2.7 555 cycles
TS2.7 555 cycles
TS2.8 459 cycles
TS2.9 470 cycles
TS2.10 555 cycles
TS2.11 555 cycles
TS2.12 470 cycles
TS2.13 470 cycles
TS2.13 470 cycles
TS2.13 470 cycles
TS2.14 470 cycles
TS2.15 553 cycles
TS2.16 470 cycles
TS2.17 553 cycles
TS2.18 470 cycles
TS2.18 470 cycles
TS2.19 470 cycles
TS2.19 470 cycles
TS2.19 470 cycles
TS2.18 470 cycles
TS2.19 470 cycles
TS2.21 555 cycles
TS2.21 555 cycles
TS2.21 470 cycles
TS2.21 59 cycles
TS2.22 554 cycles
TS2.23 469 cycles
TS2.24 470 cycles
TS2.25 555 cycles
TS2.26 541 cycles
TS2.27 555 cycles
TS2.28 470 cycles
TS2.29 555 cycles
TS2.29 555 cycles
TS2.31 470 cycles
TS2.33 538 cycles
TS2.34 538 cycles
TS2.35 554 cycles
TS2.35 555 cycles
TS2.36 554 cycles
TS2.37 539 cycles
TS2.38 468 cycles
TS2.39 554 cycles
TS2.44 454 cycles
TS2.44 454 cycles
TS2.44 553 cycles
TS2.45 553 cycles
TS2.46 66 cycles
TS2.47 469 cycles
TS2.47 469 cycles
```

Description

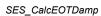
Vector Description

```
TS2.1CwEOT2_HwDeg_T_f32 min
TS2.2CwEOT2_HwDeg_T_f32 max
TS2.3CwEOT2_HwDeg_T_f32 pos
TS2.4CcwEOT2_HwDeg_T_f32 min
TS2.5CcwEOT2_HwDeg_T_f32 max
TS2.6CcwEOT2_HwDeg_T_f32 mid
TS2.7CcwEOT2_HwDeg_T_f32 neg
 TS2.8VehicleSpeed1_Kph_T_f32 min
TS2.9VehicleSpeed1_Kph_T_f32 max
TS2.10VehicleSpeed1_Kph_T_f32 pos
 TS2.11HandWheelPos4_HwDeg_T_f32 min TS2.12HandWheelPos4_HwDeg_T_f32 max
 TS2.13HandWheelPos4_HwDeg_T_f32 zero
 TS2.14HandWheelPos4_HwDeg_T_f32 pos
TS2.15HandWheelPos4_HwDeg_T_f32 neg
TS2.16MotorVel_MtrRadpS1_T_f32 min
 TS2.17MotorVel_MtrRadpS1_T_f32 max
TS2.18MotorVel_MtrRadpS1_T_f32 zero
TS2.19MotorVel_MtrRadpS1_T_f32 pos
 TS2.20MotorVel_MtrRadpS1_T_f32 pos
 TS2.21SESState_Uls_M_enum min
TS2.22SESState_Uls_M_enum =1
  TS2.23SESState_Uls_M_enum =2
 TS2.24SESState_Uls_M_enum max
TS2.25t2_EOTPosDepDmpTblX_HwDeg_u12p4[2] min
TS2.26t2_EOTPosDepDmpTblX_HwDeg_u12p4[2] max
 TS2.27t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2] mid TS2.28t_EOTDmpVspd_Kph_u9p7[4] min
  TS2.29t_EOTDmpVspd_Kph_u9p7[4] max
TS2.29t_EOTDmpVspd_Kph_u9p7[4] max
TS2.30t_EOTDmpVspd_Kph_u9p7[4] mid
TS2.31t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2] min
TS2.32t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2] max
TS2.33t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2] mid
TS2.34t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2] min
TS2.35t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2] min
TS2.35t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2] max
TS2.36t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2] mid
TS2.37k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 min
TS2.38k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 pos/default
TS2.40k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 pos/default
 TS2.40k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 mid TS2.41EOTActuatorMng_Damping_MtrNm_M_f32 min TS2.42EOTActuatorMng_Damping_MtrNm_M_f32 max
 TS2.43EOTActuatorMng_Damping_MtrNm_M_f32 0 TS2.44EOTActuatorMng_Damping_MtrNm_M_f32 neg
 TS2.45EOTActuatorMng_Damping_MtrNm_M_f32 pos
 TS2.46All min
  TS2.47All max
```

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5

2015-06-29, 18:13:48+0530





Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
CcwEOT_HwDeg_T_f32	-1100.43994
CwEOT_HwDeg_T_f32	0
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
HandWheelPos_HwDeg_T_f32	400.365997
MotorVel_MtrRadpS_T_f32	805.580017
VehicleSpeed_Kph_T_f32	100.457001
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	Ø TPosDep
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0]	77
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	108
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0]	77
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]	108
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	32
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	44
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	112
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	80
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	112
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	114
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	114
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1920
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	1
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	44
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	37
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	194
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	62
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	87
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	1207([3RV'HS'PS7EO <b0wu1ps5dgsvbx s=""> @ > @</b0wu1ps5dgsvbx>
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	452
t_EOTDmpVspd_Kph_u9p7[0]	0
t_EOTDmpVspd_Kph_u9p7[1]	640
t_EOTDmpVspd_Kph_u9p7[2]	1408
t_EOTDmpVspd_Kph_u9p7[3]	2560

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



Name	Innut Value		
Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4032		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	22		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	153		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	216		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	77		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	108		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	52		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	68		
t_EOTDmpVspd_Kph_u9p7[0]	1280		
t_EOTDmpVspd_Kph_u9p7[1]	2560		
t_EOTDmpVspd_Kph_u9p7[2]	3840		
t_EOTDmpVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-6.39798021	-6.39798021 ± 0.0000390625	~
SES_CalcEOTDamp()	-6.39798021	-6.39798021	~

Τ						
Actual Function	Count	Expected Function	Count	Result		
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~		

Test Step 2.3 (Repeat Count = 1) Name	Input Value		
CcwEOT_HwDeg_T_f32	-1300.43994		
CwEOT_HwDeg_T_f32	1000.09998		
EOTActuatorMng_Damping_MtrNm_M_f32	-4		
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL		
HandWheelPos_HwDeg_T_f32	500.005005		
MotorVel_MtrRadpS_T_f32	605.812012		
VehicleSpeed Kph T f32	300.54599		
k EOTPosDepDempFinalSlew MtrNmpS T f32	11.0200005		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	32		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	44		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	16		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	22		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	4		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	26		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	62		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	87		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1152		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4048		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	12		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	88		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	92		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	130		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	99		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	698		
t_EOTDmpVspd_Kph_u9p7[0]	6400		
t_EOTDmpVspd_Kph_u9p7[1]	7680		
t_EOTDmpVspd_Kph_u9p7[2]	8960		
t_EOTDmpVspd_Kph_u9p7[3]	10240		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	-3.97796011	-3.97796011 ± 0.0000390625	
SES_CalcEOTDamp()	-3.97796011	-3.97796011	

T ·					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	



Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	900.122986		
EOTActuatorMng_Damping_MtrNm_M_f32	-1.60000002		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	-600.005981		
MotorVel_MtrRadpS_T_f32	305.164001		
VehicleSpeed_Kph_T_f32	150.985992		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	21.0300007		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	76		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	122		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	173		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	122		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	173		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	77		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	108		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	544		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1168		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4064		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	11		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	102		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	4		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	713		
t_EOTDmpVspd_Kph_u9p7[0]	11520		
t_EOTDmpVspd_Kph_u9p7[1]	12800		
t_EOTDmpVspd_Kph_u9p7[2]	14080		
t_EOTDmpVspd_Kph_u9p7[3]	15360		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-1.55794001	-1.55794001 ± 0.0000390625	~
SES_CalcEOTDamp()	-1.55794001	-1.55794001	~

T					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.5 (Repeat Count = 1)	1 441	
Name	Input Value	
CcwEOT_HwDeg_T_f32	0	
CwEOT_HwDeg_T_f32	800.528015	
EOTActuatorMng_Damping_MtrNm_M_f32	0.800000012	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	-750.057007	
MotorVel_MtrRadpS_T_f32	205.283997	
VehicleSpeed_Kph_T_f32	250.356003	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	31.0400009	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	62	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	87	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	137	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	194	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	137	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	194	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	92	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	130	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	576	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1184	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	704	

SES_CalcEOTDamp

SES_CalcEOTDamp()

2015-06-29, 18:13:48+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4080		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	62		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	87		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	173		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	103		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	728		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2816		
Name	Actual Value	Expected Value	Result
EOTActuatorMng Damping MtrNm M f32	0.862080038	0.862079978 ± 0.0000390625	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

0.862080038

0.862079978

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1000.09998		
CwEOT_HwDeg_T_f32	700.314026		
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	-850.057983		
MotorVel_MtrRadpS_T_f32	105.051003		
VehicleSpeed_Kph_T_f32	350.368988		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	41.0499992		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	77		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	153		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	153		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	216		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	107		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	151		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	608		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4096		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	77		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	108		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	213		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	302		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	137		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	194		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	74		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	105		
t_EOTDmpVspd_Kph_u9p7[0]	1280		
t_EOTDmpVspd_Kph_u9p7[1]	2688		
t_EOTDmpVspd_Kph_u9p7[2]	3840		
t_EOTDmpVspd_Kph_u9p7[3]	5248		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.11790013	3.11789989 ± 0.0000390625	~
SES_CalcEOTDamp()	3.11790013	3.11789989	~

T					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	



Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-900		
CwEOT_HwDeg_T_f32	600.984985		
EOTActuatorMng_Damping_MtrNm_M_f32	5.5999999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-800.007996		
MotorVel_MtrRadpS_T_f32	110.011002		
VehicleSpeed_Kph_T_f32	450.341003		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	51.0600014		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	92		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	130		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	168		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	237		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	168		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	237		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	122		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	173		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1216		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	92		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	130		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	228		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	323		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	153		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	216		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	76		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	108		
t_EOTDmpVspd_Kph_u9p7[0]	6400		
t_EOTDmpVspd_Kph_u9p7[1]	7680		
t_EOTDmpVspd_Kph_u9p7[2]	9216		
t_EOTDmpVspd_Kph_u9p7[3]	10368		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.49787998	5.49787998 ± 0.0000390625	~
SES_CalcEOTDamp()	5.49787998	5.49787998	~

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-850.539978	
CwEOT_HwDeg_T_f32	111.454002	
EOTActuatorMng_Damping_MtrNm_M_f32	0	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	850.057983	
MotorVel_MtrRadpS_T_f32	111.220001	
VehicleSpeed_Kph_T_f32	0	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	61.0699997	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	107	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	151	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	183	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	259	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	183	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	259	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	137	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	194	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	96	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	192	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	672	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1232	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	752	

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



Input Value t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1136 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4128 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] 345 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]$ 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 237 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 11520 t_EOTDmpVspd_Kph_u9p7[1] 13056 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 19200

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.122140005	0.122139998 ± 0.0000390625	~
SES_CalcEOTDamp()	0.122140005	0.122139998	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-800.349976		
CwEOT_HwDeg_T_f32	500.851013		
EOTActuatorMng_Damping_MtrNm_M_f32	1.20000005		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	900.008972		
MotorVel_MtrRadpS_T_f32	220.011002		
VehicleSpeed_Kph_T_f32	511.992188		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	71.0800018		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	122		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	173		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	198		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	280		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	198		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	280		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	153		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	216		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	208		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1152		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4144		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	173		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	366		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	788		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	512		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2944		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.34216011	1.34215999 ± 0.0000390625	~
SES_CalcEOTDamp()	1.34216011	1.34215999	✓

Т				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Fest Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-700.609985		
CWEOT_HwDeg_T_f32	400.354004		
OTActuatorMng_Damping_MtrNm_M_f32	1.3999998		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-1000.01001		
MotorVel_MtrRadpS_T_f32	330.984985		
/ehicleSpeed_Kph_T_f32	350.100006		
z_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	81.0899963		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	137		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	194		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	213		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	302		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	213		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	302		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	168		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	237		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	224		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	736		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1264		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	784		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1168		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	928		
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4160		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	137		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	194		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	274		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	388		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	198		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	280		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	114		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	804		
_EOTDmpVspd_Kph_u9p7[0]	1280		
_EOTDmpVspd_Kph_u9p7[1]	2816		
_EOTDmpVspd_Kph_u9p7[2]	3840		
_EOTDmpVspd_Kph_u9p7[3]	5760		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.56218004	1.56218004 ± 0.0000390625	~
SES_CalcEOTDamp()	1.56218004	1.56218004	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.11 (Repeat Count = 1)	✓
Name	Input Value
CcwEOT_HwDeg_T_f32	-600.780029
CwEOT_HwDeg_T_f32	300.783997
EOTActuatorMng_Damping_MtrNm_M_f32	1.60000002
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
HandWheelPos_HwDeg_T_f32	-1440.10999
MotorVel_MtrRadpS_T_f32	354.846985
VehicleSpeed_Kph_T_f32	160.311996
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	91.0999985
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	153
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	216
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	228
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	323
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	228
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	323
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	183
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	259
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	240
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	768
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800

2015-06-29, 18:13:48+0530



SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4176		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	153		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	216		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	289		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	409		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	213		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	302		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	116		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	819		
t_EOTDmpVspd_Kph_u9p7[0]	6400		
t_EOTDmpVspd_Kph_u9p7[1]	7680		
t_EOTDmpVspd_Kph_u9p7[2]	8960		
t_EOTDmpVspd_Kph_u9p7[3]	10240		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.78219998	1.78219998 ± 0.0000390625	~
SES_CalcEOTDamp()	1.78219998	1.78219998	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Name	Input Value		
CcwEOT HwDeg T f32	-500.410004		
CwEOT_HwDeg_T_f32	750.125977		
EOTActuatorMng_Damping_MtrNm_M_f32	1.79999995		
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL		
HandWheelPos_HwDeg_T_f32	1440.10999		
MotorVel_MtrRadpS_T_f32	440.958008		
VehicleSpeed_Kph_T_f32	260.450989		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	101.110001		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	168		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	237		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	243		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	345		
t2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0]	243		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]	345		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0]	198		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1]	280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	32		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1296		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	816		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4192		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	168		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	237		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	431		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	228		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	323		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	528		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	834		
t_EOTDmpVspd_Kph_u9p7[0]	11520		
t EOTDmpVspd Kph u9p7[1]	15360		
t_EOTDmpVspd_Kph_u9p7[2]	14080		
t_EOTDmpVspd_Kph_u9p7[3]	16000		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.00221992	2.00221992 ± 0.0000390625	Result
SES CalcEOTDamp()	2.00221992	2.00221992 ± 0.0000390623	

Т				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-400.540009		
CwEOT_HwDeg_T_f32	850.351013		
EOTActuatorMng_Damping_MtrNm_M_f32	2		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	0		
MotorVel_MtrRadpS_T_f32	477.653992		
VehicleSpeed_Kph_T_f32	360.156006		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	111.120003		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	183		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	259		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	259		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	366		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	259		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	366		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	213		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	302		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	16		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1216		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4208		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	319		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	243		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	345		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	549		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	849		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.2223997	2.22223997 ± 0.0000390625	~
SES_CalcEOTDamp()	2.22223997	2.22223997	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.14 (Repeat Count = 1)	Innut Value	
Name	Input Value	
CcwEOT_HwDeg_T_f32	-300.140015	
CwEOT_HwDeg_T_f32	950.215027	
EOTActuatorMng_Damping_MtrNm_M_f32	2.20000005	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	300.100006	
MotorVel_MtrRadpS_T_f32	550.325012	
VehicleSpeed_Kph_T_f32	460.851013	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	121.129997	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	198	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	280	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	274	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	388	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	274	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	388	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	228	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	323	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	288	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1328	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	848	

2015-06-29, 18:13:48+0530



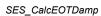
SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4224		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	334		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	474		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	366		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	86		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	571		
t_EOTDmpVspd_Kph_u9p7[0]	1280		
t_EOTDmpVspd_Kph_u9p7[1]	2816		
t_EOTDmpVspd_Kph_u9p7[2]	3840		
t_EOTDmpVspd_Kph_u9p7[3]	5632		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.95774007	1.95773995 ± 0.0000390625	~
SES_CalcEOTDamp()	1.95774007	1.95773995	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Name	Input Value		
CcwEOT HwDeg T f32	-200.25		
	350.240997		
CWEOT_HwDeg_T_f32	2.4000001		
EOTActuatorMng_Damping_MtrNm_M_f32			
EOTActuatorMng_SESState_UIs_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	-300.100006		
MotorVel_MtrRadpS_T_f32	744.851013		
VehicleSpeed_Kph_T_f32	70.4779968		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	131.139999		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	213		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	302		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	289		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	409		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	289		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	409		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	243		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	345		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1344		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4240		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	213		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	302		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	349		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	495		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	274		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	388		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	88		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	592		
t_EOTDmpVspd_Kph_u9p7[0]	6400		
t_EOTDmpVspd_Kph_u9p7[1]	7680		
t_EOTDmpVspd_Kph_u9p7[2]	8960		
t_EOTDmpVspd_Kph_u9p7[3]	10240		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	2.66228008	2.66228008 ± 0.0000390625	Resul
SES CalcEOTDamp()	2.66228008	2.66228008	

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~





Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-100.019997		
CwEOT_HwDeg_T_f32	520.202026		
EOTActuatorMng_Damping_MtrNm_M_f32	2.5999999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	1300.01294		
MotorVel_MtrRadpS_T_f32	-1118		
VehicleSpeed_Kph_T_f32	170.248001		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	141.149994		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	228		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	323		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	304		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	431		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	304		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	431		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	259		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	366		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	128		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	928		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1360		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	880		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1264		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4256		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	228		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	323		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	365		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	517		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	289		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	409		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	614		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	894		
t_EOTDmpVspd_Kph_u9p7[0]	11520		
t_EOTDmpVspd_Kph_u9p7[1]	12928		
t_EOTDmpVspd_Kph_u9p7[2]	14080		
t_EOTDmpVspd_Kph_u9p7[3]	16000		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.31769991	2.31769991 ± 0.0000390625	~
SES_CalcEOTDamp()	2.31769991	2.31769991	✓

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



Name	Input Value		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4272		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	243		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	345		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	380		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	538		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	431		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	91		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	635		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.10231996	3.10231996 ± 0.0000390625	~
SES_CalcEOTDamp()	3.10231996	3.10231996	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.18 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-250.029999		
CwEOT_HwDeg_T_f32	450.023987		
EOTActuatorMng_Damping_MtrNm_M_f32	3		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	1200.021		
MotorVel_MtrRadpS_T_f32	0		
VehicleSpeed_Kph_T_f32	370.356995		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	161.169998		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	259		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	366		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0]	334		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	474		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	334		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	474		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	289		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	409		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	96		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1392		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	912		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1296		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4288		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	366		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	395		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	560		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	319		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	1		
t_EOTDmpVspd_Kph_u9p7[0]	1536		
t_EOTDmpVspd_Kph_u9p7[1]	2816		
t_EOTDmpVspd_Kph_u9p7[2]	3840		
t_EOTDmpVspd_Kph_u9p7[3]	5376		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.67765999	2.67765999 ± 0.0000390625	- Rosuli
SES CalcEOTDamp()	2.67765999	2.67765999	

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-450.209991		
CwEOT_HwDeg_T_f32	650.502991		
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	1100.25806		
MotorVel_MtrRadpS_T_f32	600.099976		
VehicleSpeed_Kph_T_f32	80.1559982		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	171.179993		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	274		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	388		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	349		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	495		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	349		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	495		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	304		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1]	431		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1408		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	274		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	388		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	410		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	581		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	334		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	474		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	22		
t_EOTDmpVspd_Kph_u9p7[0]	6656		
t_EOTDmpVspd_Kph_u9p7[1]	8064		
t_EOTDmpVspd_Kph_u9p7[2]	9472		
t_EOTDmpVspd_Kph_u9p7[3]	10880		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.85764003	2.85764003 ± 0.0000390625	~
SES_CalcEOTDamp()	2.85764003	2.85764003	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.20 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-688.450012	
CwEOT_HwDeg_T_f32	600.044983	
EOTActuatorMng_Damping_MtrNm_M_f32	3.4000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	1000.07098	
MotorVel_MtrRadpS_T_f32	-600.099976	
VehicleSpeed_Kph_T_f32	60.3569984	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	181.190002	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	9	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	87	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	87	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	87	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	216	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	11	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	108	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	128	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	528	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	528	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	880	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960	

2015-06-29, 18:13:48+0530



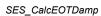
SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	11		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	205		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	168		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	4		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	574		
t_EOTDmpVspd_Kph_u9p7[0]	1408		
t_EOTDmpVspd_Kph_u9p7[1]	1920		
t_EOTDmpVspd_Kph_u9p7[2]	1792		
t_EOTDmpVspd_Kph_u9p7[3]	7680		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.03762007	3.03762007 ± 0.0000390625	~
SES_CalcEOTDamp()	3.03762007	3.03762007	•

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Name	Input Value		
CcwEOT HwDeg T f32	-550,450012		
CwEOT_HwDeg_T_f32	750.450012		
EOTActuatorMng_Damping_MtrNm_M_f32	3.5999999		
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED		
HandWheelPos_HwDeg_T_f32	-1100.09094		
MotorVel_MtrRadpS_T_f32	770.124023		
VehicleSpeed_Kph_T_f32	180.151993		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	191.199997		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	289		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	409		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	365		
t2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0]	517		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	365		
	517		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	319		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	452		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	64		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	384		
	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4320		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	289		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	409		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	425		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	603		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	349		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	495		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	44		
t_EOTDmpVspd_Kph_u9p7[0]	11648		
t_EOTDmpVspd_Kph_u9p7[1]	13312		
t_EOTDmpVspd_Kph_u9p7[2]	15104		
t_EOTDmpVspd_Kph_u9p7[3]	16256		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.21759987	3.21760011 ± 0.0000390625	~
SES_CalcEOTDamp()	3.21759987	3.21760011	•

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	





Test Step 2.22 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-550.450012		
CwEOT_HwDeg_T_f32	750.450012		
EOTActuatorMng_Damping_MtrNm_M_f32	3.5999999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-1100.09094		
MotorVel_MtrRadpS_T_f32	770.124023		
VehicleSpeed_Kph_T_f32	180.151993		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	191.199997		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	289		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	409		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	365		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	517		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	365		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	517		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	319		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	452		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4320		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	289		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	409		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	425		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	603		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	349		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	495		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	44		
t_EOTDmpVspd_Kph_u9p7[0]	11648		
t_EOTDmpVspd_Kph_u9p7[1]	13312		
t_EOTDmpVspd_Kph_u9p7[2]	15104		
t_EOTDmpVspd_Kph_u9p7[3]	16256		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.21759987	3.21760011 ± 0.0000390625	~
SES_CalcEOTDamp()	3.21759987	3.21760011	✓

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.23 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-650.409973	
CwEOT_HwDeg_T_f32	850.452026	
EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	1000.30103	
MotorVel_MtrRadpS_T_f32	770.872009	
VehicleSpeed_Kph_T_f32	280.157013	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	201.210007	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	304	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	431	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	380	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	538	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	334	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	474	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960	

EOTActuatorMng_Damping_MtrNm_M_f32

SES_CalcEOTDamp()

2015-06-29, 18:13:48+0530



3.39757991 ± 0.0000390625

3.39757991

SES_CalcEOTDamp Input Value t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1344 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 848 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4336 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 304 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 431 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 440 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] 624 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]$ 365 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 517 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 47 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 768 t_EOTDmpVspd_Kph_u9p7[2] 1536 t_EOTDmpVspd_Kph_u9p7[3] 3200 Actual Value Result Name **Expected Value**

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	✓

3.39757991

3.39757991

Test Step 2.24 (Repeat Count = 1)			•
Name	Input Value		
CcwEOT_HwDeg_T_f32	-650.409973		
CwEOT_HwDeg_T_f32	850.452026		
EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	1000.30103		
MotorVel_MtrRadpS_T_f32	770.872009		
VehicleSpeed_Kph_T_f32	280.157013		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	201.210007		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	304		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	431		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	380		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	538		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	334		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	474		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4336		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	431		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	624		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	365		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	517		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	47		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	65		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1536		
t_EOTDmpVspd_Kph_u9p7[3]	3200		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	4.20242023	4.20242023 ± 0.0000390625	
SES_CalcEOTDamp()	4.20242023	4.20242023	

T					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	



Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-111.510002		
CwEOT_HwDeg_T_f32	123.541		
EOTActuatorMng_Damping_MtrNm_M_f32	4		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-666.559021		
MotorVel_MtrRadpS_T_f32	100.348999		
VehicleSpeed_Kph_T_f32	365.153015		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	211.220001		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	319		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	452		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	395		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	560		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	395		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	560		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	349		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	495		
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		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	319		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	168		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	237		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	380		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	538		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	62		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	87		
t_EOTDmpVspd_Kph_u9p7[0]	2048		
t_EOTDmpVspd_Kph_u9p7[1]	3584		
t_EOTDmpVspd_Kph_u9p7[2]	4736		
t_EOTDmpVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.57755995	3.57755995 ± 0.0000390625	~
SES_CalcEOTDamp()	3.57755995	3.57755995	~

Т					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	

Test Step 2.26 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-111.849998	
CwEOT_HwDeg_T_f32	123.155998	
EOTActuatorMng_Damping_MtrNm_M_f32	4.19999981	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	-666.320984	
MotorVel_MtrRadpS_T_f32	100.653999	
VehicleSpeed_Kph_T_f32	365.487	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	221.229996	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	334	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	474	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	410	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	581	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	410	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	581	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	365	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	517	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760	
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	5760	

EOTActuatorMng_Damping_MtrNm_M_f32

SES_CalcEOTDamp()

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



3.75753999 ± 0.0000390625

3.75753999

Input Value t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 5760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 5760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 5760 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 334 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 474 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 183 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 259 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]$ 395 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 560 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 108 t_EOTDmpVspd_Kph_u9p7[0] 6400 t_EOTDmpVspd_Kph_u9p7[1] 7680 t_EOTDmpVspd_Kph_u9p7[2] 8960 t_EOTDmpVspd_Kph_u9p7[3] 10240 Result Name **Actual Value Expected Value**

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	✓

3.75753975

3.75753975

Test Step 2.27 (Repeat Count = 1)			•	
Name	Input Value			
CcwEOT_HwDeg_T_f32	-333.149994	-333.149994		
CwEOT_HwDeg_T_f32	345.450989			
EOTActuatorMng_Damping_MtrNm_M_f32	4.4000001			
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL			
HandWheelPos_HwDeg_T_f32	-555.458008			
MotorVel_MtrRadpS_T_f32	300.356995			
VehicleSpeed_Kph_T_f32	164.257996			
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	231.240005			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	349			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	495			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	425			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	603			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	425			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	603			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	380			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	538			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	3520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	1920			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3520			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	349			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	495			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	198			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	280			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	410			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	581			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	92			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	130			
t_EOTDmpVspd_Kph_u9p7[0]	11648			
t_EOTDmpVspd_Kph_u9p7[1]	12928			
t_EOTDmpVspd_Kph_u9p7[2]	14720			
t_EOTDmpVspd_Kph_u9p7[3]	16384			
Name	Actual Value	Expected Value	Resul	
EOTActuatorMng_Damping_MtrNm_M_f32	3.93752003	3.93752003 ± 0.0000390625	•	
SES_CalcEOTDamp()	3.93752003	3.93752003		

T			V	
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Name	Test Step 2.28 (Repeat Count = 1)			✓	
CMEOT_HWOeg_T_ISI2	Name	Input Value			
EOTActustorMng_Damping_Mrinn_M_192 SES_ENTERING	CcwEOT_HwDeg_T_f32	-1000.5	·		
EOTAcustorMing SESSIate Uls M_enum	CwEOT_HwDeg_T_f32	700.981995			
HandWheelPos_HwDeg_T_JS2	EOTActuatorMng_Damping_MtrNm_M_f32	4.5999999			
MotorVel_MtrRadpS_T_f32	EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING			
VehicleSpeed_R/hT_IS2 350.414001 k_EOTPeoBoelpompFinalSiew_MinkmpS_T_J32 241.25 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[0][0] 365 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[0][1] 517 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[1][1] 624 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[2][1] 624 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[2][1] 624 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 395 12_EOTEPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 80 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 80 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 80 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 224 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 224 12_EOTPeoBoelpompTibW_MinkmpRadps_u12p4[3][0] 1024 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 334 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 334 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 334 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 335 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 335 12_EOTPeoBoelpompTibW_MinkmpRadps_u0pt6[3][0] 3344 <td>HandWheelPos_HwDeg_T_f32</td> <td>700.070007</td> <td></td> <td></td>	HandWheelPos_HwDeg_T_f32	700.070007			
k, EOTPosDepDempFinalSlew_MtrNmpS_T.j32 241.25 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(0)[0] 365 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(1)[0] 440 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(1)[1] 624 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(2)[1] 624 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(2)[1] 624 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(2)[1] 624 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 550 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 560 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 206 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 208 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p14(3)[1] 208 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p14(3)[1] 4008 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p14(3)[1] 4008 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p14(3)[1] 4008 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p14(3)[1] 3344 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 3344 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 517 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1] 302 12, EOTEX-PosDepDmpTbV_MtrNmpRadps_u0p16(3)[1	MotorVel_MtrRadpS_T_f32	105.846001			
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0] 0 365	VehicleSpeed_Kph_T_f32	350.414001			
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] 517	k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	241.25			
2.EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0]	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	365			
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 624 440	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	517			
2.EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0]	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	440			
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 624	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	624			
12_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 395 12_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 560 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 80 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 208 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 224 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 4208 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1024 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1408 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1408 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 3344 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 3344 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 425 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 0 12_EOTTpmVspd_Kph_u9p7[0] 0 13_EOTTpmVspd_Kph_u9p7[0] 0 14_EOTTpmVspd_Kph_u9p7[0] 0 15_EOTTpmVspd_Kph_u9p7[0] 0 15_EOTTpmVs	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	440			
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 560 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 80 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 224 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 4208 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1024 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1024 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 736 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 736 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3344 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 365 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 213 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 107 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 0 2_EOTPosDepD	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	624			
12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 80 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 208 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 224 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 4208 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1024 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 1408 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 3344 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 365 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 365 12_EOTPosDepDmpTbIX_HwDeg_u01p4[0][0] 365 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 0 12_EOTTposDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] 151 15_EOTTpompVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 0	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	395			
22	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	560			
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 224 228 226 22E	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80			
12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 4208 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1024 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 1408 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 736 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3344 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[0][0] 365 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[0][1] 517 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[1][1] 302 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[2][1] 603 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MrtNmpRadpS_u0p16[3][1] 151 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 0 1_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_[32] 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	208			
12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1024 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 1408 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 736 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3344 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 365 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 151 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 0 1_EOTDmpVspd_Kph_u9p7[2] 0 1_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_Mf32 4.11749983 4.11749983 4.11749983 4.11749983 5.0000390625 ✓	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	224			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1408 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 736 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3344 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 365 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 517 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 302 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4208			
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 736 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3344 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 365 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 517 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] 302 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] 151 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 0 1_EOTDmpVspd_Kph_u9p7[2] 0 1_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1024			
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3344 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 365 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 517 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] 302 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] 603 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[2] 0 1_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1408			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 365 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 517 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 302 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name	t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	736			
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 302 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 12_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[2] 0 1_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3344			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 213 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 302 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	365			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 302 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 425 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	517			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	213			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 603 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	302			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 t_EOT	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	425			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 151 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	603			
t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	107			
t_EOTDmpVspd_Kph_u9p7[1] 0 t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	151			
t_EOTDmpVspd_Kph_u9p7[2] 0 t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t_EOTDmpVspd_Kph_u9p7[0]	0			
t_EOTDmpVspd_Kph_u9p7[3] 0 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t_EOTDmpVspd_Kph_u9p7[1]	0			
Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t_EOTDmpVspd_Kph_u9p7[2]	0			
EOTActuatorMng_Damping_MtrNm_M_f32 4.11749983 4.11749983 ± 0.0000390625 ✓	t_EOTDmpVspd_Kph_u9p7[3]	0			
<u></u>	Name	Actual Value	Expected Value	Result	
SES_CalcEOTDamp() 4.11749983 4.11749983 ✓	EOTActuatorMng_Damping_MtrNm_M_f32	4.11749983	4.11749983 ± 0.0000390625	~	
	SES_CalcEOTDamp()	4.11749983	4.11749983	•	

T .			V	
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.29 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
CcwEOT_HwDeg_T_f32	-555.450012
CwEOT_HwDeg_T_f32	567.655029
EOTActuatorMng_Damping_MtrNm_M_f32	4.80000019
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	-444.25
MotorVel_MtrRadpS_T_f32	500.088989
VehicleSpeed_Kph_T_f32	326.622986
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	251.259995
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	538
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	455
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	646
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	334
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	474
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	410
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	581
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	224
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4224
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1040

SES_CalcEOTDamp



Name	Input Value		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3360		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	380		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	538		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	349		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	495		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	624		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	173		
t_EOTDmpVspd_Kph_u9p7[0]	32640		
t_EOTDmpVspd_Kph_u9p7[1]	32640		
t_EOTDmpVspd_Kph_u9p7[2]	32640		
t_EOTDmpVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.29748011	4.29748011 ± 0.0000390625	~
SES_CalcEOTDamp()	4.29748011	4.29748011	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-666.539978		
CwEOT_HwDeg_T_f32	678.343994		
EOTActuatorMng_Damping_MtrNm_M_f32	5		
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING		
HandWheelPos_HwDeg_T_f32	444.809998		
MotorVel_MtrRadpS_T_f32	600.073975		
VehicleSpeed_Kph_T_f32	345.542999		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	261.269989		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	395		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	560		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	471		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	667		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	349		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	495		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	425		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	603		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3376		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	395		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	560		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	365		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	517		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	646		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	137		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	194		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.47745991	4.47745991 ± 0.0000390625	~
SES_CalcEOTDamp()	4.47745991	4.47745991	~

T					
Actual Function	Count	Expected Function	Count	Result	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	



Test Step 2.31 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-777.309998		
CwEOT_HwDeg_T_f32	789.851013		
EOTActuatorMng_Damping_MtrNm_M_f32	5.19999981		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	333.640015		
MotorVel_MtrRadpS_T_f32	700.005981		
VehicleSpeed_Kph_T_f32	233.332001		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	271.279999		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	410		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	581		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	69		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	486		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	365		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	517		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	440		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	624		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	32		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1456		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3392		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	0		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	896		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.65743971	4.65744019 ± 0.0000390625	✓
SES_CalcEOTDamp()	4.65743971	4.65744019	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.32 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-788.22998	
CwEOT_HwDeg_T_f32	890.247009	
EOTActuatorMng_Damping_MtrNm_M_f32	5.4000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	-333.920013	
MotorVel_MtrRadpS_T_f32	800.033997	
VehicleSpeed_Kph_T_f32	123.320999	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	281.290009	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	425	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	603	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	13	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	501	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	304	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	431	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	455	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	646	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	16	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	272	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	352	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4272	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1088	

SES_CalcEOTDamp



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1472		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	3408		
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983		
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983		
t_EOTDmpVspd_Kph_u9p7[0]	2048		
t_EOTDmpVspd_Kph_u9p7[1]	3584		
t_EOTDmpVspd_Kph_u9p7[2]	3968		
t_EOTDmpVspd_Kph_u9p7[3]	5632		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.9625802	5.9625802 ± 0.0000390625	~
SES_CalcEOTDamp()	5.9625802	5.9625802	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.33 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-666.320007		
CwEOT_HwDeg_T_f32	678.851013		
EOTActuatorMng_Damping_MtrNm_M_f32	5.5999999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	444.269989		
MotorVel_MtrRadpS_T_f32	900.080994		
VehicleSpeed_Kph_T_f32	345.542999		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	291.299988		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	440		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	624		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	73		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	516		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	319		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	452		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	66		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	471		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3424		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	128		
t_EOTDmpVspd_Kph_u9p7[0]	6528		
t_EOTDmpVspd_Kph_u9p7[1]	8192		
t_EOTDmpVspd_Kph_u9p7[2]	9472		
t_EOTDmpVspd_Kph_u9p7[3]	10368		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.01739979	5.01739979 ± 0.0000390625	Result
SES CalcEOTDamp()	5.01739979	5.01739979	

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Step 2.34 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-999.869995		
CwEOT_HwDeg_T_f32	787.36499		
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-222.339996		
MotorVel_MtrRadpS_T_f32	1000.04999		
VehicleSpeed_Kph_T_f32	333.333008		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	577		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	818		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	425		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	603		
t_EOTDmpVspd_Kph_u9p7[0]	10240		
t_EOTDmpVspd_Kph_u9p7[1]	20480		
t_EOTDmpVspd_Kph_u9p7[2]	21760		
t_EOTDmpVspd_Kph_u9p7[3]	24320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5	-20.5 ± 0.0000390625	~
SES_CalcEOTDamp()	-20.5	-20.5	•

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.35 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-475.619995	
CwEOT_HwDeg_T_f32	543.427979	
EOTActuatorMng_Damping_MtrNm_M_f32	20.5	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
HandWheelPos_HwDeg_T_f32	111.739998	
MotorVel_MtrRadpS_T_f32	543.283997	
VehicleSpeed_Kph_T_f32	222.110992	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2656	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1280	

SES_CalcEOTDamp

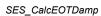


Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3456		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	79		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	22		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	592		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	839		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	624		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~
SES_CalcEOTDamp()	18.1000004	18.1000004	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.36 (Repeat Count = 1)	Innut Value		
Name	Input Value		
CcwEOT_HwDeg_T_f32	-643.47998		
CWEOT_HwDeg_T_f32	654.747009		
EOTActuatorMng_Damping_MtrNm_M_f32	4.400001		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-111.650002		
MotorVel_MtrRadpS_T_f32	564.969971		
VehicleSpeed_Kph_T_f32	111.222		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	600		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	262		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3472		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	80		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	114		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	607		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	861		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	646		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Bassili
110000		· · · · · · · · · · · · · · · · · · ·	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005	3.20000005 ± 0.0000390625	
SES_CalcEOTDamp()	3.20000005	3.20000005	•

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~





Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-999.869995		
CwEOT_HwDeg_T_f32	787.36499		
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-222.339996		
MotorVel_MtrRadpS_T_f32	1000.04999		
VehicleSpeed_Kph_T_f32	333.333008		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	577		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	818		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	425		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	603		
t_EOTDmpVspd_Kph_u9p7[0]	10240		
t_EOTDmpVspd_Kph_u9p7[1]	20480		
t_EOTDmpVspd_Kph_u9p7[2]	21760		
t_EOTDmpVspd_Kph_u9p7[3]	24320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5	-20.5 ± 0.0000390625	~
SES_CalcEOTDamp()	-20.5	-20.5	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.38 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-475.619995	
CwEOT_HwDeg_T_f32	543.427979	
EOTActuatorMng_Damping_MtrNm_M_f32	20.5	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
HandWheelPos_HwDeg_T_f32	111.739998	
MotorVel_MtrRadpS_T_f32	543.283997	
VehicleSpeed_Kph_T_f32	222.110992	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2656	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320	
t2 EOTPosDepDmpTblX HwDeg u12p4[2][0]	1280	

SES_CalcEOTDamp



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3456		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	79		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	22		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	592		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	839		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	624		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~
SES_CalcEOTDamp()	18.1000004	18.1000004	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.39 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-643.47998		
CwEOT_HwDeg_T_f32	654.747009		
EOTActuatorMng_Damping_MtrNm_M_f32	4.4000001		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-111.650002		
MotorVel_MtrRadpS_T_f32	564.969971		
VehicleSpeed_Kph_T_f32	111.222		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	400		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	262		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3472		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	80		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	114		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	607		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	861		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	646		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	3.60000014	3.599999 ± 0.0000390625	Resul
LOTAGIDATINITY_Damping_INITINITI_IN_132	3.0000014	3.5999999 3.5999999	

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Step 2.40 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-643.47998		
CwEOT_HwDeg_T_f32	654.747009		
EOTActuatorMng_Damping_MtrNm_M_f32	4.4000001		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-111.650002		
MotorVel_MtrRadpS_T_f32	564.969971		
VehicleSpeed_Kph_T_f32	111.222		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	400.001007		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	262		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	752		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3472		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	80		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	114		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	607		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	861		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	646		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.599998	3.5999999 ± 0.0000390625	~
SES_CalcEOTDamp()			

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.41 (Repeat Count = 1)		·
Name	Input Value	
CcwEOT_HwDeg_T_f32	-999.869995	
CwEOT_HwDeg_T_f32	787.36499	
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
HandWheelPos_HwDeg_T_f32	-222.339996	
MotorVel_MtrRadpS_T_f32	1000.04999	
VehicleSpeed_Kph_T_f32	333.333008	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4304	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120	

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	1		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	577		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	818		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	425		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	603		
t_EOTDmpVspd_Kph_u9p7[0]	10240		
t_EOTDmpVspd_Kph_u9p7[1]	20480		
t_EOTDmpVspd_Kph_u9p7[2]	21760		
t_EOTDmpVspd_Kph_u9p7[3]	24320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5	-20.5 ± 0.0000390625	~
SES_CalcEOTDamp()	-20.5	-20.5	•

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	✓

Test Step 2.42 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-475.619995		
CwEOT_HwDeg_T_f32	543.427979		
EOTActuatorMng_Damping_MtrNm_M_f32	20.5		
EOTActuatorMng_SESState_Uls_M_enum	SES EXITING		
HandWheelPos_HwDeg_T_f32	111.739998		
MotorVel_MtrRadpS_T_f32	543.283997		
VehicleSpeed_Kph_T_f32	222.110992		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3456		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	79		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	22		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	592		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	839		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	624		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~
SES_CalcEOTDamp()	18.1000004	18.1000004	~

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Step 2.43 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-643.47998		
CwEOT_HwDeg_T_f32	654.747009		
EOTActuatorMng_Damping_MtrNm_M_f32	0		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos_HwDeg_T_f32	-111.650002		
MotorVel_MtrRadpS_T_f32	564.969971		
VehicleSpeed_Kph_T_f32	111.222		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	600		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	262		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	262		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3472		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	80		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	114		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	32		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	607		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	861		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	646		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0	0 ± 0.0000390625	~
SES_CalcEOTDamp()	0	0	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.44 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-475.619995	
CwEOT_HwDeg_T_f32	543.427979	
EOTActuatorMng_Damping_MtrNm_M_f32	-4.4000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
HandWheelPos_HwDeg_T_f32	111.739998	
MotorVel_MtrRadpS_T_f32	543.283997	
VehicleSpeed_Kph_T_f32	222.110992	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2656	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1280	

2015-06-29, 18:13:48+0530



SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3456		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	79		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	112		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	16		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	22		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	592		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	839		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	624		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-2	-2 ± 0.0000390625	~
SES_CalcEOTDamp()	-2	-2	✓

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Name	Input Value		
CcwEOT HwDeg T f32	-643.47998		
CwEOT_HwDeg_T_f32	654.747009		
EOTActuatorMng_Damping_MtrNm_M_f32	4.400001		
EOTActuatorMng_SESState_Uls_M_enum	SES EXITING		
HandWheelPos_HwDeg_T_f32	-111.650002		
MotorVel_MtrRadpS_T_f32	564.969971		
VehicleSpeed_Kph_T_f32	111.222		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	600		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	262		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	262		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	262		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	262		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	752		
	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	80		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	114		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	32 44		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	607		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	861		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	455		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	646		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005	3.20000005 ± 0.0000390625	~
SES_CalcEOTDamp()	3.20000005	3.20000005	✓

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

SES_CalcEOTDamp

2015-06-29, 18:13:48+0530



 Test Step 2.46 (Repeat Count = 1)

 Name
 Input Value

 CcwEOT_HwDeg_T_f32
 -1440.10999

 CwEOT_HwDeg_T_f32
 0

2015-06-29, 18:13:48+0530



SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983		
t_EOTDmpVspd_Kph_u9p7[0]	32640		
t_EOTDmpVspd_Kph_u9p7[1]	32640		
t_EOTDmpVspd_Kph_u9p7[2]	32640		
t_EOTDmpVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~
SES_CalcEOTDamp()	18.1000004	18.1000004	✓

T				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Case 3: Path Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment)

CPU Cycles:

TS3.1 539 cycles TS3.2 469 cycles TS3.3 59 cycles TS3.4 454 cycles TS3.5 542 cycles TS3.6 469 cycles

Description

Vector Description

TS3.1"(SESState_Uls_M_enum = SES_DISABLED)=False

and

(HandWheelPos4_HwDeg_T_f32 < D_ZERO_ULS_F32)=True

(SESState_Uls_M_enum = SES_EXITING)=False" TS3.2"(SESState_Uls_M_enum = SES_DISABLED)=False

 $(HandWheelPos4_HwDeg_T_f32 < D_ZERO_ULS_F32) = False"$ TS3.3(SESState_Uls_M_enum = SES_DISABLED)=True
TS3.4(SESState_Uls_M_enum = SES_EXITING)=True TS3.5"(SESState_Uls_M_enum = SES_DISABLED) =False

and

(SESState_Uls_M_enum = SES_EXITING) =False

TS3.6"EOTDamping_MtrNm_T_f32 = Limit_m(EOTDamping_MtrNm_T_f32, ((D_2MS_SEC_F32 * -k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32)+ EOTActuatorMng_Damping_MtrNm_M_f32), ((D_2MS_SEC_F32 * k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32)+ EOTActuatorMng_Damping_MtrNm_M_f32)) => FALSE"

Test Step 3.1 (Repeat Count = 1) Name Input Value CcwEOT_HwDeg_T_f32 -1111 CwEOT_HwDeg_T_f32 0 -8 80000019 EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_SESState_Uls_M_enum SES_NORMAL HandWheelPos_HwDeg_T_f32 -400 MotorVel_MtrRadpS_T_f32 805 VehicleSpeed Kph T f32 111 $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ 0 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0] 0 $t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1]$ 256 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 154 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 512 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 305 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]$ 224 320 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]$ t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 560 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]$ 720

2015-06-29, 18:13:48+0530



SES_CalcEOTDamp

Name	Input Value
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4800
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448
t_EOTDmpVspd_Kph_u9p7[0]	0
t_EOTDmpVspd_Kph_u9p7[1]	65535
t_EOTDmpVspd_Kph_u9p7[2]	65535
t_EOTDmpVspd_Kph_u9p7[3]	65535



Test Step 3.3 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-555	
CwEOT_HwDeg_T_f32	777	
EOTActuatorMng Damping MtrNm M f32	4.4000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	
HandWheelPos_HwDeg_T_f32	-1100	
MotorVel_MtrRadpS_T_f32	770	
VehicleSpeed_Kph_T_f32	188	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	600	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4800	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448	
t_EOTDmpVspd_Kph_u9p7[0]	0	
t_EOTDmpVspd_Kph_u9p7[1]	65535	
t_EOTDmpVspd_Kph_u9p7[2]	65535	
t_EOTDmpVspd_Kph_u9p7[3]	65535	
Name	Actual Value Expected	d Value Resu
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005 3.2000000	05 ± 0.0000390625
SES_CalcEOTDamp()	3.20000005 3.2000000	05

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Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
CcwEOT_HwDeg_T_f32	-666
CwEOT_HwDeg_T_f32	850
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING
HandWheelPos_HwDeg_T_f32	1000
MotorVel_MtrRadpS_T_f32	-770
VehicleSpeed_Kph_T_f32	288
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560

2015-06-29, 18:13:48+0530

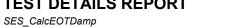


SES_CalcEOTDamp

Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4800		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	65535		
t_EOTDmpVspd_Kph_u9p7[2]	65535		
t_EOTDmpVspd_Kph_u9p7[3]	65535		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.0000390625	~
SES_CalcEOTDamp()	-8.80000019	-8.80000019	~

T					V
Actual Function	Count	Expected Function	Count	Resi	ılt
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1		~

Test Step 3.5 (Repeat Count = 1)			•
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	800		
EOTActuatorMng_Damping_MtrNm_M_f32	8.80000019		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-700		
MotorVel_MtrRadpS_T_f32	205		
VehicleSpeed_Kph_T_f32	250		
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	560		
t2 EOTPosDepDmpTblX HwDeq u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4800		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	305		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	65535		
t_EOTDmpVspd_Kph_u9p7[2]	65535		
t_EOTDmpVspd_Kph_u9p7[3]	65535		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.4000001	6.4000001 ± 0.0000390625	
SES_CalcEOTDamp()	6.4000001	6.4000001	





Τ				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

SEA	Name	Input Value		
EOTActuatorMng_Damping_MtrNm_M_{52} 3,7999995 EOTActuatorMng_SESSiste Uis_M_enum SES_EXITING HandWheelPs_T_132 1000_30103 MotorVel_MtrRadpS_T_132 770,872009 VerbicleSpeed_KPh_T_132 280,157013 EOTPosDepDempFinalSiew_MtrNmpS_T_132 1200 E_EOTEAPOSDepDempFinalSiew_MtrNmpS_T_132 1200 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 304 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 431 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 474 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 47 E_EOTEAPOSDepDmpTibY	CcwEOT_HwDeg_T_f32	-650.409973		
EOTActuatorMng_Damping_MtrNm_M_{52} 3,7999995 EOTActuatorMng_SESSiste Uis_M_enum SES_EXITING HandWheelPs_T_132 1000_30103 MotorVel_MtrRadpS_T_132 770,872009 VerbicleSpeed_KPh_T_132 280,157013 EOTPosDepDempFinalSiew_MtrNmpS_T_132 1200 E_EOTEAPOSDepDempFinalSiew_MtrNmpS_T_132 1200 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 304 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 431 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 538 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 474 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[1] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 48 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 400 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 440 E_EOTEAPOSDepDmpTibY_MtrNmpRadps_uop160[0] 47 E_EOTEAPOSDepDmpTibY	CwEOT_HwDeg_T_f32	850.452026		
HandMinkelPos_HwDeg_T_IS2	EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995		
HandMinkelPos_HwDeg_T_IS2	EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
VehicleSpeed_Kph_T_I32	HandWheelPos_HwDeg_T_f32	1000.30103		
LEOTPosDepDempFinalSlew_MtrNmpS_T_i32 1200	MotorVel_MtrRadpS_T_f32	770.872009		
2. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[0][0] 304 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[0][1] 431 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[0][1] 431 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[1][0] 380 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[2][0] 380 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[2][1] 538 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[2][1] 538 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[2][1] 538 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[3][1] 474 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[3][1] 474 12. EOTExPosDepDmpTblY_MtrNmpRadps_uop16[3][1] 474 12. EOTExPosDepDmpTblX_HwDeg_u12p4[0][0] 48 12. EOTExPosDepDmpTblX_HwDeg_u12p4[1][0] 560 12. EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 560 12. EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 720 12. EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 960 12. EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 848 12. EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 849 12. EOTPosDepDmpTblX_HwTempRadps_u0p16[0][0] 840 84	VehicleSpeed_Kph_T_f32	280.157013		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200		
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1] 0] 380	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	304		
2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] 538 12_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] 380 12_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] 380 12_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] 334 12_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] 474 12_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][1] 474 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[0][0] 48 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[0][0] 400 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[0][1] 400 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[1][0] 560 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[1][1] 720 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[1][1] 720 72_EOTEXPOSDepDmpTblX_HwDeg_u12p4[2][1] 1344 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[2][1] 1344 12_EOTEXPOSDepDmpTblX_HwDeg_u12p4[3][0] 848 12_EOTEXPOSDEPDmpTblX_HwDeg_u12p4[3][0] 848 12_EOTEXPOSDEPDmpTblX_HwDeg_u12p4[3][0] 4336 12_EOTEXPOSDEPDmpTblX_HwDeg_u12p4[3][0] 440	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	431		
2 EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] 380 12 EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][1] 538 12 EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] 334 12 EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] 334 12 EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] 474 174	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380		
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 538 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 334 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 474 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 474 48 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 48 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 400 48 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 560 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 720 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 960 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 960 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 434 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 438 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 4336 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4336 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 431	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538		
2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] 334	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	380		
12_EOTExPosDepDmpTblX_HtvDeg_u12p4[0][0]	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	538		
12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	334		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	474		
12_EOTPosDepDmpTbiX_HwDeg_u12p4[1][0] 560	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 720 960 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 960 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1344 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 848 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4336 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 304 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 431 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 440 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 440 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 624 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[1] 768 1536 1500 1536 1500	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400		
12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 960 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1344 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 848 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 4336 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 431 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 440 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 440 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 517 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 65 12_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1536 1_EOTDmpVspd_Kph_u9p7[3] 3200 Name	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
1344 1344 1344	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 848	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4336 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 304 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 431 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 440 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 624 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[0] 1536 13_EOTDmpVspd_Kph_u9p7[1] 1536 14_EOTDmpVspd_Kph_u9p7[2] 1536 15_EOTDmpVspd_Kph_u9p7[3] 3200 Name	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1344		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 431 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 440 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 624 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[0] 1768 12_EOTDmpVspd_Kph_u9p7[2] 1536 13_EOTDmpVspd_Kph_u9p7[3] 3200 Name	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4336		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	304		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 624 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 65 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[1] 768 12_EOTDmpVspd_Kph_u9p7[2] 1536 13_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Resulted S.5.7545998 5.57545998 5.57545998 \$ 5.57545998 \$ 5.57545998 \$ \$ 5.57545998 \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.57545998 \$ \$ \$ \$ 5.	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	431		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 365 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 1	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	440		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 517 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 1	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	624		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 47 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[1] 768 12_EOTDmpVspd_Kph_u9p7[2] 1536 13_EOTDmpVspd_Kph_u9p7[3] 3200 Name	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	365		
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 65 t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 768 t_EOTDmpVspd_Kph_u9p7[2] 1536 t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Resu EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	517		
t_EOTDmpVspd_Kph_u9p7[0] 0 t_EOTDmpVspd_Kph_u9p7[1] 768 t_EOTDmpVspd_Kph_u9p7[2] 1536 t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Resu EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	47		
t_EOTDmpVspd_Kph_u9p7[1] 768 t_EOTDmpVspd_Kph_u9p7[2] 1536 t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Resu EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	65		
t_EOTDmpVspd_Kph_u9p7[2] 1536 t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Resu EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t_EOTDmpVspd_Kph_u9p7[1]	768		
t_EOTDmpVspd_Kph_u9p7[3] 3200 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t_EOTDmpVspd_Kph_u9p7[2]	1536		
EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	t_EOTDmpVspd_Kph_u9p7[3]	3200		
EOTActuatorMng_Damping_MtrNm_M_f32 5.57545996 5.57545948 ± 0.0000390625	Name	Actual Value	Expected Value	Resul
	EOTActuatorMng_Damping_MtrNm_M_f32	5.57545996	•	-
	SES_CalcEOTDamp()	5.57545996	5.57545948	•

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EOTOrigImpact

Project	EOTActuatorMng
Module	EOTActuatorMng
Test Object	EOTOrigImpact

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_EOTActuatorMng\EOTActuatorMng
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(PROJECTROOT)\\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\utp\contract -I\$(Compiler Install Path)\\include
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include

Name	Text
Module 'EOTActuatorMng'	/** /**Mame of Tester:Priti Manglekar Code File(s) Version:19 Module Design Document:End_of_Travel_Actuator_Management_MDD.docx Module Design Document Version:25 Data Dictionary Version:21 Unit Test Plan Version:11 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 1.32 Total FLASH Used (Bytes):2914 Total RAM Used (Bytes):170 Special Test Requirements: Test Date:6/29/2015 Comments: 'NOTE 1: Inline functions defined in GlobalMacro.h are not unittested. NOTE 2: ""CBD_Sandbox_dbg.map" is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles

2015-06-29, 18:09:41+0530



Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

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

TS1.1 136 cycles TS1.2 190 cycles

Description Vector Description

TS1.1"Shotest Execution Path:
(HandWheelAuth_UIs_T_f32 < D_HWPOSAUTHHILMT_ULS_F32) ==> FALSE;
(HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> FALSE;
(DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32) ==> FALSE;
(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) ==> FALSE"
TS1.2"Longest Execution Path:
Abs_m(HwPosDiff_HwDeg_T_f32) > FPM_FixedToFloat_m(k_PosRampStep_HwDeg_u12p4, u12p4_T) ==> FALSE;
(HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> TRUE;
(DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32) ==> TRUE;
(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) ==> TRUE"

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-100.010002		
CwEOT_HwDeg_T_f32	0		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	350.600006		
HandWheelAuth_Uls_T_f32	0.10000001		
HandWheelPos_HwDeg_T_f32	1.5		
MotorVel_MtrRadpS_T_f32	25.3999996		
VehicleSpeed_Kph_T_f32	0		
k_EOTDefltPosition_HwDeg_u12p4	3200		
k_EOTImpSpdEn_Kph_u9p7	1280		
k_PosRampStep_HwDeg_u12p4	10848		
k_SpdIptScale_MtrNmpRadpS_u4p12	0		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	128		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	160		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	448		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200 ± 0.0000390625	~
EOTOrigImpact()	0	0 ± 0.0078125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	1100.09998		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	110.199997		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-1.5		
MotorVel_MtrRadpS_T_f32	1.5		
VehicleSpeed_Kph_T_f32	40.2000008		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	1600		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1952		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	480		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	336		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	107.199997	107.199997 ± 0.0000390625	•
EOTOrigImpact()	8.80000019	8.80000019 ± 0.0078125	•

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

EOTOrigImpact

2015-06-29, 18:09:41+0530





Test Case 2: Boundary test

Specification

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

TS2.1 136 cycles
TS2.2 136 cycles
TS2.2 136 cycles
TS2.3 136 cycles
TS2.4 165 cycles
TS2.5 164 cycles
TS2.6 153 cycles
TS2.7 156 cycles
TS2.7 156 cycles
TS2.8 148 cycles
TS2.10 150 cycles
TS2.10 150 cycles
TS2.11 143 cycles
TS2.12 143 cycles
TS2.13 143 cycles
TS2.13 143 cycles
TS2.14 149 cycles
TS2.14 179 cycles
TS2.15 181 cycles
TS2.16 175 cycles
TS2.17 176 cycles
TS2.18 176 cycles
TS2.19 148 cycles
TS2.2 16 0 cycles
TS2.2 16 cycles
TS2.2 1 165 cycles
TS2.3 164 cycles
TS2.3 164 cycles
TS2.3 1 164 cycles
TS2.3 164 cycles
TS2.3 1 164 cycles
TS2.3 1 164 cycles
TS2.3 1 164 cycles
TS2.4 1 181 cycles
TS2.4 1 181 cycles
TS2.4 1 181 cycles
TS2.4 1 181 cycles
TS2.4 1 163 cycles
TS2.4 1 181 cycles
TS2.4 1 163 cycles
```

Description

Vector Description

```
TS2.1CwEOT_HwDeg_T_f32 min
 TS2.2CwEOT_HwDeg_T_f32 max
IS2.2CWEO1_HWDeg_T_f32 max
TS2.3CWEOT_HWDeg_T_f32 pos
TS2.4CcwEOT_HWDeg_T_f32 min
TS2.5CcwEOT_HWDeg_T_f32 min
TS2.5CcwEOT_HWDeg_T_f32 mid
TS2.7HandWheelAuth_Uls_T_f32 min
TS2.8HandWheelAuth_Uls_T_f32 max
TS2.9HandWheelAuth_Uls_T_f32 pos
TS2.10MotorVel_MtrRadpS_T_f32 min
TS2.11MotorVel_MtrRadpS_T_f32 max
TS2.12MotorVel_MtrRadpS_T_f32 max
TS2.12MotorVel_MtrRadpS_T_f32 zero
TS2.13MotorVel_MtrRadpS_T_f32 neg
TS2.14MotorVel_MtrRadpS_T_f32 pos
TS2.15HandWheelPos_HwDeg_T_f32 min
TS2.16HandWheelPos_HwDeg_T_f32 max
TS2.17HandWheelPos_HwDeg_T_f32 zero
 TS2.18HandWheelPos_HwDeg_T_f32 neg
TS2.16HandWheelPos_HwDeg_T_f32 pos
TS2.19HandWheelPos_HwDeg_T_f32 pos
TS2.20VehicleSpeed3_Kph_T_f32 min
TS2.21VehicleSpeed3_Kph_T_f32 max
TS2.22VehicleSpeed3_Kph_T_f32 pos
TS2.23EOTImpactPos_HwDeg_M_f32 min
TS2.24EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_M_f32 pos
TS2.26k_EOTDefltPosition_HwDeg_u12p4 min
TS2.27k_EOTDefltPosition_HwDeg_u12p4 max
 TS2.28k_EOTDefltPosition_HwDeg_u12p4 mid/default
TS2.26K_EOT Defit Position_HWDeg_u12p4 (Find/oe)
TS2.29t_SpdlptTbIXTbl_HwDeg_u12p4[2] min
TS2.30t_SpdlptTbIXTbl_HwDeg_u12p4[2] mid
TS2.31t_SpdlptTbIXTbl_HwDeg_u12p4[2] mid
TS2.32t_SpdlptTbIYTbl_MtrRadpS_u12p4[2] mid
TS2.33t_SpdlptTbIYTbl_MtrRadpS_u12p4[2] mid
TS2.34t_SpdlptTbIYTbl_MtrRadpS_u12p4[2] mid
TS2.34t_SpdlptTbIYTbl_MtrRadpS_u12p4[2] mid
TS2.35k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.36k_SpdlptScale_MtrNmpRadpS_u4p12 max
TS2.37k_SpdlptScale_MtrNmpRadpS_u4p12 mid/default
 TS2.38k_EOTImpSpdEn_Kph_u9p7 min
TS2.39k_EOTImpSpdEn_Kph_u9p7 max TS2.40k_EOTImpSpdEn_Kph_u9p7 mid/default
 TS2.41k_PosRampStep_HwDeg_u12p4 min
 TS2.42k_PosRampStep_HwDeg_u12p4 max
TS2.43k_PosRampStep_HwDeg_u12p4 mid/default
 TS2.44All min
 TS2.45All max
```

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5





Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-100.568001		
CwEOT_HwDeg_T_f32	0		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	350.658386		
HandWheelAuth_Uls_T_f32	0.10000001		
HandWheelPos_HwDeg_T_f32	940.020996		
MotorVel_MtrRadpS_T_f32	0.5		
VehicleSpeed_Kph_T_f32	10.2449999		
k_EOTDefltPosition_HwDeg_u12p4	3200		
k_EOTImpSpdEn_Kph_u9p7	1280		
k_PosRampStep_HwDeg_u12p4	10848		
k_SpdlptScale_MtrNmpRadpS_u4p12	0		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	128		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	160		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	320		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	448		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200	~
EOTOrigImpact()	8.80000019	8.80000019	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.2 (Repeat Count = 1)			✓.
Name	Input Value		
CcwEOT_HwDeg_T_f32	-200.574997		
CwEOT_HwDeg_T_f32	1440.10999		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	250.354095		
HandWheelAuth_Uls_T_f32	0.20000003		
HandWheelPos_HwDeg_T_f32	900.02301		
MotorVel_MtrRadpS_T_f32	-0.5		
VehicleSpeed_Kph_T_f32	0.10000001		
k_EOTDefltPosition_HwDeg_u12p4	4800		
k_EOTImpSpdEn_Kph_u9p7	2560		
k_PosRampStep_HwDeg_u12p4	2016		
k_SpdlptScale_MtrNmpRadpS_u4p12	8		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	160		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	176		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	336		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	480		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300	300	✓
EOTOrigImpact()	0.0400390625	0.0400390625	✓

T						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		

Test Step 2.3 (Repeat Count = 1)		✓
Name	Input Value	
CcwEOT_HwDeg_T_f32	-300.024994	
CwEOT_HwDeg_T_f32	1000.09998	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	150.783997	
HandWheelAuth_Uls_T_f32	0.300000012	
HandWheelPos_HwDeg_T_f32	800.254028	
MotorVel_MtrRadpS_T_f32	0.100000001	
VehicleSpeed_Kph_T_f32	0.0500000007	
k_EOTDefltPosition_HwDeg_u12p4	6400	
k_EOTImpSpdEn_Kph_u9p7	3840	
k_PosRampStep_HwDeg_u12p4	5696	
k_SpdIptScale_MtrNmpRadpS_u4p12	16	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	192	
t_SpdlptTblXTbl_HwDeg_u12p4[1]	208	
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	352	

2015-06-29, 18:09:41+0530



Name	Input Value		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	512		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400	400	~
EOTOrigImpact()	0.0855468735	0.0855468735	•

T						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	900.213989		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	770.054016		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-650.453979		
MotorVel_MtrRadpS_T_f32	-0.10000001		
VehicleSpeed_Kph_T_f32	20.4155998		
k_EOTDefltPosition_HwDeg_u12p4	8000		
k_EOTImpSpdEn_Kph_u9p7	5120		
k_PosRampStep_HwDeg_u12p4	10816		
k_SpdlptScale_MtrNmpRadpS_u4p12	24		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	208		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	224		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	368		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	544		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	650.453979	650.453979	~
EOTOrigImpact()	0.134179682	0.134179682	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Nama	Innut Value		
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	800.35199		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	660.015381		
HandWheelAuth_Uls_T_f32	0.800000012		
HandWheelPos_HwDeg_T_f32	-680.851013		
MotorVel_MtrRadpS_T_f32	0.20000003		
VehicleSpeed_Kph_T_f32	15.4560003		
k_EOTDefltPosition_HwDeg_u12p4	9600		
k_EOTImpSpdEn_Kph_u9p7	6400		
k_PosRampStep_HwDeg_u12p4	4096		
k_SpdlptScale_MtrNmpRadpS_u4p12	32		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	224		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	256		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	384		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	576		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600	600	•
EOTOrigImpact()	0.279687494	0.279687494	

T .					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 2.6 (Repeat Count = 1)		
Name	Input Value	
CcwEOT_HwDeg_T_f32	-1000.09998	
CwEOT_HwDeg_T_f32	700.572021	

2015-06-29, 18:09:41+0530



Name	Input Value		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	550.36499		
HandWheelAuth_Uls_T_f32	0.89999976		
HandWheelPos_HwDeg_T_f32	-780.453979		
MotorVel_MtrRadpS_T_f32	-0.200000003		
VehicleSpeed_Kph_T_f32	0.0149999997		
k_EOTDefltPosition_HwDeg_u12p4	11200		
k_EOTImpSpdEn_Kph_u9p7	7680		
k_PosRampStep_HwDeg_u12p4	9008		
k_SpdlptScale_MtrNmpRadpS_u4p12	39		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	240		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	400		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	608		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	700	700	*
FOTOrigImpact()	0.236132801	0.236132815	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.7 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-400.054993		
CwEOT_HwDeg_T_f32	600.125977		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	220.645004		
HandWheelAuth_Uls_T_f32	0		
HandWheelPos_HwDeg_T_f32	-400.518005		
MotorVel_MtrRadpS_T_f32	650		
VehicleSpeed_Kph_T_f32	12.4636002		
k_EOTDefltPosition_HwDeg_u12p4	12800		
k_EOTImpSpdEn_Kph_u9p7	8960		
k_PosRampStep_HwDeg_u12p4	5536		
k_SpdIptScale_MtrNmpRadpS_u4p12	47		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	256		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	320		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	416		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	640		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	800	800	✓
EOTOrigImpact()	0	0	✓

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-500.053986		
CwEOT_HwDeg_T_f32	500.950989		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	110.141998		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	400.643005		
MotorVel_MtrRadpS_T_f32	0.30000012		
VehicleSpeed_Kph_T_f32	11.4659996		
k_EOTDefltPosition_HwDeg_u12p4	1776		
k_EOTImpSpdEn_Kph_u9p7	10240		
k_PosRampStep_HwDeg_u12p4	7456		
k_SpdIptScale_MtrNmpRadpS_u4p12	55		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	272		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	352		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	432		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	672		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400.643005	400.643005	-
EOTOrigImpact()	0.358520508	0.358520508	✓





T					1
Actual Function	Count	Expected Function	Count	Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		1

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-10.8540001		
CwEOT_HwDeg_T_f32	400.356995		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100.153999		
HandWheelAuth_Uls_T_f32	0.5		
HandWheelPos_HwDeg_T_f32	-300.987		
MotorVel_MtrRadpS_T_f32	-0.30000012		
VehicleSpeed_Kph_T_f32	9.46539974		
k_EOTDefltPosition_HwDeg_u12p4	3552		
k_EOTImpSpdEn_Kph_u9p7	11520		
k_PosRampStep_HwDeg_u12p4	10976		
k_SpdlptScale_MtrNmpRadpS_u4p12	63		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	288		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	384		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	448		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	704		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	222	222	~
EOTOrigImpact()	0.672143579	0.672143579	✓

Т				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
	-700.122986		
CcwEOT_HwDeg_T_f32			
CwEOT_HwDeg_T_f32	300.156006		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200.725006		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	300.125		
MotorVel_MtrRadpS_T_f32	-1350		
VehicleSpeed_Kph_T_f32	8.46459961		
k_EOTDefltPosition_HwDeg_u12p4	5328		
k_EOTImpSpdEn_Kph_u9p7	13440		
k_PosRampStep_HwDeg_u12p4	2624		
k_SpdlptScale_MtrNmpRadpS_u4p12	70		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	304		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	416		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	464		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	736		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.125	300.125	-
EOTOrigImpact()	0	0	•

Т				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.11 (Repeat Count = 1)		✓
Name	Input Value	
CcwEOT_HwDeg_T_f32	-800.257019	
CwEOT_HwDeg_T_f32	200.354004	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.144012	
HandWheelAuth_Uls_T_f32	0.419999987	
HandWheelPos_HwDeg_T_f32	-200.546005	
MotorVel_MtrRadpS_T_f32	1350	
VehicleSpeed_Kph_T_f32	7.46470022	

2015-06-29, 18:09:41+0530



Name	Input Value		
k_EOTDefltPosition_HwDeg_u12p4	7104		
k_EOTImpSpdEn_Kph_u9p7	19584		
k_PosRampStep_HwDeg_u12p4	12256		
k_SpdIptScale_MtrNmpRadpS_u4p12	78		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	320		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	448		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	480		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	768		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	444	444	~
EOTOrigImpact()	0	0	~

Т					V
Actual Function	Count	Expected Function	Count	Resu	ılt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

Test Step 2.12 (Repeat Count = 1)			~
Name	Input Value		
CcwEOT_HwDeg_T_f32	-10.1540003		
CwEOT_HwDeg_T_f32	400.984985		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100.853996		
HandWheelAuth_Uls_T_f32	0.5		
HandWheelPos_HwDeg_T_f32	-300.563995		
MotorVel_MtrRadpS_T_f32	0		
VehicleSpeed_Kph_T_f32	9.85400009		
k_EOTDefltPosition_HwDeg_u12p4	3552		
k_EOTImpSpdEn_Kph_u9p7	11520		
k_PosRampStep_HwDeg_u12p4	10976		
k_SpdlptScale_MtrNmpRadpS_u4p12	86		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	336		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	480		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	496		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	800		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	222	222	~
EOTOrigImpact()	1.04980469	1.04980469	✓

T				•	,
Actual Function	Count	Expected Function	Count	Resul	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	,

Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1100.25		
CwEOT_HwDeg_T_f32	50.3510017		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	500.984009		
HandWheelAuth_Uls_T_f32	0.620000005		
HandWheelPos_HwDeg_T_f32	-100.463997		
MotorVel_MtrRadpS_T_f32	-500.100006		
VehicleSpeed_Kph_T_f32	5.32399988		
k_EOTDefltPosition_HwDeg_u12p4	10656		
k_EOTImpSpdEn_Kph_u9p7	14208		
k_PosRampStep_HwDeg_u12p4	5840		
k_SpdlptScale_MtrNmpRadpS_u4p12	94		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	352		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	512		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	512		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	832		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	666	666	~
EOTOrigImpact()	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1200.14001		
CwEOT_HwDeg_T_f32	150.154007		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600.651001		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	100.466003		
MotorVel_MtrRadpS_T_f32	500.100006		
VehicleSpeed_Kph_T_f32	4.02409983		
k_EOTDefltPosition_HwDeg_u12p4	12432		
k_EOTImpSpdEn_Kph_u9p7	20992		
k_PosRampStep_HwDeg_u12p4	12384		
k_SpdlptScale_MtrNmpRadpS_u4p12	102		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	368		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	544		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	528		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	864		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100.466003	100.466003	~
EOTOrigImpact()	0	0	✓

T					✓
Actual Function	Count	Expected Function	Count	Resu	ılt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~
·					_

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1300.34998		
CwEOT_HwDeg_T_f32	250.850998		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	700.349976		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-1440.10999		
MotorVel_MtrRadpS_T_f32	0.40000006		
VehicleSpeed_Kph_T_f32	3.35019994		
k_EOTDefltPosition_HwDeg_u12p4	1408		
k_EOTImpSpdEn_Kph_u9p7	15744		
k_PosRampStep_HwDeg_u12p4	10288		
k_SpdlptScale_MtrNmpRadpS_u4p12	109		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	384		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	576		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	544		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	896		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1343.34998	1343.34998 ± 0.0000390625	~
EOTOrigImpact()	1.47958982	1.47958982 ± 0.0078125	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.16 (Repeat Count = 1)		<u> </u>
Name	Input Value	
CcwEOT_HwDeg_T_f32	-1400.84998	
CwEOT_HwDeg_T_f32	390.15799	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	800.15802	
HandWheelAuth_Uls_T_f32	1	
HandWheelPos_HwDeg_T_f32	1440.10999	
MotorVel_MtrRadpS_T_f32	-0.40000006	
VehicleSpeed_Kph_T_f32	2.08739996	
k_EOTDefltPosition_HwDeg_u12p4	4240	
k_EOTImpSpdEn_Kph_u9p7	18560	
k_PosRampStep_HwDeg_u12p4	3200	
k_SpdIptScale_MtrNmpRadpS_u4p12	117	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400	

2015-06-29, 18:09:41+0530



Name	Input Value		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	608		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	560		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	928		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.15802	1000.15802	~
EOTOrigImpact()	1.64531243	1.64531255	~

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-150.751999		
CwEOT_HwDeg_T_f32	450.356995		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	900.354004		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	0		
MotorVel_MtrRadpS_T_f32	0.600000024		
VehicleSpeed_Kph_T_f32	1.03540003		
k_EOTDefltPosition_HwDeg_u12p4	1968		
k_EOTImpSpdEn_Kph_u9p7	21376		
k_PosRampStep_HwDeg_u12p4	5856		
k_SpdlptScale_MtrNmpRadpS_u4p12	125		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	416		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	640		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	576		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	534.354004	534.354004	~
EOTOrigImpact()	1.81274414	1.81274414	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.18 (Repeat Count = 1)			·
Name	Input Value		
CcwEOT_HwDeg_T_f32	-250.964996		
CwEOT_HwDeg_T_f32	550.656982		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.65002		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-400.100006		
MotorVel_MtrRadpS_T_f32	-0.600000024		
VehicleSpeed_Kph_T_f32	16.0365009		
k_EOTDefltPosition_HwDeg_u12p4	3744		
k_EOTImpSpdEn_Kph_u9p7	23680		
k_PosRampStep_HwDeg_u12p4	10464		
k_SpdlptScale_MtrNmpRadpS_u4p12	133		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	432		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	672		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	592		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	992		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400.100006	400.100006	•
EOTOrigImpact()	1.99370122	1.99370122	•

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~





Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-350.424988		
CwEOT_HwDeg_T_f32	650.750977		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1100.47998		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	400.100006		
MotorVel_MtrRadpS_T_f32	0.69999988		
VehicleSpeed_Kph_T_f32	17.9869995		
k_EOTDefltPosition_HwDeg_u12p4	5520		
k_EOTImpSpdEn_Kph_u9p7	20864		
k_PosRampStep_HwDeg_u12p4	3424		
k_SpdlptScale_MtrNmpRadpS_u4p12	140		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	448		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	704		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	608		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1024		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	886.47998	886.47998	✓
EOTOrigImpact()	2.16357422	2.16357422	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-450.984009		
CwEOT_HwDeg_T_f32	750.754028		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1200.97998		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	1000.25702		
MotorVel_MtrRadpS_T_f32	-0.69999988		
VehicleSpeed_Kph_T_f32	0		
k_EOTDefltPosition_HwDeg_u12p4	7296		
k_EOTImpSpdEn_Kph_u9p7	20992		
k_PosRampStep_HwDeg_u12p4	6912		
k_SpdIptScale_MtrNmpRadpS_u4p12	148		
t_SpdIptTbIXTbI_HwDeg_u12p4[0]	464		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	736		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	624		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1056		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.25702	1000.25702	~
EOTOrigImpact()	2.35947275	2.35947275	✓

T -						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		

Test Step 2.21 (Repeat Count = 1)		√
Name	Input Value	
CcwEOT_HwDeg_T_f32	-550.354004	
CwEOT_HwDeg_T_f32	850.952026	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1300.04004	
HandWheelAuth_Uls_T_f32	0.449999988	
HandWheelPos_HwDeg_T_f32	-1000.15399	
MotorVel_MtrRadpS_T_f32	0.800000012	
VehicleSpeed_Kph_T_f32		

2015-06-29, 18:09:41+0530



Name	Input Value		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1088		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567	567	~
EOTOrigImpact()	8.80000019	8.80000019	•

T ✓						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		

Test Step 2.22 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-650.713989		
CwEOT_HwDeg_T_f32	950.356995		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1400.02002		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	1100.44104		
MotorVel_MtrRadpS_T_f32	-0.800000012		
VehicleSpeed_Kph_T_f32	11.1000004		
k_EOTDefltPosition_HwDeg_u12p4	10848		
k_EOTImpSpdEn_Kph_u9p7	640		
k_PosRampStep_HwDeg_u12p4	10848		
k_SpdlptScale_MtrNmpRadpS_u4p12	164		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	496		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	656		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1120		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1100.44104	1100.44104	~
EOTOrigImpact()	8.80000019	8.80000019	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-750.257996		
CwEOT_HwDeg_T_f32	1050.84998		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0		
HandWheelAuth_Uls_T_f32	0.600000024		
HandWheelPos_HwDeg_T_f32	-1100.24097		
MotorVel_MtrRadpS_T_f32	0.0010000005		
VehicleSpeed_Kph_T_f32	18.3540001		
k_EOTDefltPosition_HwDeg_u12p4	12624		
k_EOTImpSpdEn_Kph_u9p7	6016		
k_PosRampStep_HwDeg_u12p4	9072		
k_SpdlptScale_MtrNmpRadpS_u4p12	172		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	512		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	832		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	672		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1152		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	789	✓
EOTOrigImpact()	3.02339554	3.02339554	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
CcwEOT_HwDeg_T_f32	-850.025024
CwEOT_HwDeg_T_f32	1100.97998

2015-06-29, 18:09:41+0530



Name	Input Value		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999		
HandWheelAuth_Uls_T_f32	0.5		
HandWheelPos_HwDeg_T_f32	1200.12097		
MotorVel_MtrRadpS_T_f32	-0.00200000009		
VehicleSpeed_Kph_T_f32	19.8509998		
k_EOTDefltPosition_HwDeg_u12p4	12624		
k_EOTImpSpdEn_Kph_u9p7	9472		
k_PosRampStep_HwDeg_u12p4	7296		
k_SpdIptScale_MtrNmpRadpS_u4p12	179		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	528		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	864		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	688		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1184		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	789	•
FOTOrigImpact()	1 87906301	1 87906301	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-950.010986		
CwEOT_HwDeg_T_f32	1200.44995		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600.099976		
HandWheelAuth_Uls_T_f32	0.20000003		
HandWheelPos_HwDeg_T_f32	-1200.54504		
MotorVel_MtrRadpS_T_f32	0.0030000003		
VehicleSpeed_Kph_T_f32	22.3649998		
k_EOTDefltPosition_HwDeg_u12p4	2480		
k_EOTImpSpdEn_Kph_u9p7	6144		
k_PosRampStep_HwDeg_u12p4	5520		
k_SpdIptScale_MtrNmpRadpS_u4p12	187		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	544		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	896		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	704		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1216		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	155	155	~
EOTOrigImpact()	2.00865221	2.00865221	✓

T .					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-142.110992		
CwEOT_HwDeg_T_f32	111.851997		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	111.220001		
HandWheelAuth_Uls_T_f32	0.360000014		
HandWheelPos_HwDeg_T_f32	111.357002		
MotorVel_MtrRadpS_T_f32	0.5		
VehicleSpeed_Kph_T_f32	20.0440006		
k_EOTDefltPosition_HwDeg_u12p4	0		
k_EOTImpSpdEn_Kph_u9p7	6272		
k_PosRampStep_HwDeg_u12p4	3744		
k_SpdlptScale_MtrNmpRadpS_u4p12	195		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	560		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	928		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	720		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1248		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0	0	~
EOTOrigImpact()	2.11853027	2.11853027	✓





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Actual Function	Count	Expected Function	Count	Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		1

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1222.23999		
CwEOT_HwDeg_T_f32	222.453995		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	222.660004		
HandWheelAuth_Uls_T_f32	0.44999988		
HandWheelPos_HwDeg_T_f32	-112.153999		
MotorVel_MtrRadpS_T_f32	-0.5		
VehicleSpeed_Kph_T_f32	15.2580004		
k_EOTDefltPosition_HwDeg_u12p4	13104		
k_EOTImpSpdEn_Kph_u9p7	9600		
k_PosRampStep_HwDeg_u12p4	5136		
k_SpdlptScale_MtrNmpRadpS_u4p12	203		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	576		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	960		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	736		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1280		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	819	819	~
EOTOrigImpact()	2.25500488	2.25500488	✓

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Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.28 (Repeat Count = 1)	Innut Value		
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1111.32996		
CwEOT_HwDeg_T_f32	333.355988		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	333.450012		
HandWheelAuth_Uls_T_f32	0.649999976		
HandWheelPos_HwDeg_T_f32	222.783997		
MotorVel_MtrRadpS_T_f32	0.100000001		
VehicleSpeed_Kph_T_f32	0.0149999997		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	4864		
k_PosRampStep_HwDeg_u12p4	1968		
k_SpdlptScale_MtrNmpRadpS_u4p12	211		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	592		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	992		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	752		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1312		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100	100	•
EOTOrigImpact()	2.41599131	2.41599131	•

Т				~
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.29 (Repeat Count = 1)		✓
Name	Input Value	
CcwEOT_HwDeg_T_f32	-999.419983	
CwEOT_HwDeg_T_f32	444.394012	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	444.579987	
HandWheelAuth_Uls_T_f32	0.365999997	
HandWheelPos_HwDeg_T_f32	-222.654007	
MotorVel_MtrRadpS_T_f32	-0.100000001	
VehicleSpeed_Kph_T_f32	12.6739998	

2015-06-29, 18:09:41+0530



Name	Input Value		
k_EOTDefltPosition_HwDeg_u12p4	4080		
k_EOTImpSpdEn_Kph_u9p7	9600		
k_PosRampStep_HwDeg_u12p4	11008		
k_SpdlptScale_MtrNmpRadpS_u4p12	218		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	0		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	768		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1344		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	255	255	✓
EOTOrigImpact()	2.54936528	2.54936528	✓

T					
Actual Function	Count	Expected Function	Coun	t Resu	lt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-777.124023		
CwEOT_HwDeg_T_f32	555.857971		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.450012		
HandWheelAuth_Uls_T_f32	0.865999997		
HandWheelPos_HwDeg_T_f32	-353.247009		
MotorVel_MtrRadpS_T_f32	0.20000003		
VehicleSpeed_Kph_T_f32	11.3140001		
k_EOTDefltPosition_HwDeg_u12p4	5680		
k_EOTImpSpdEn_Kph_u9p7	11392		
k_PosRampStep_HwDeg_u12p4	12432		
k_SpdIptScale_MtrNmpRadpS_u4p12	226		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	2880		
t_SpdIptTbIXTbI_HwDeg_u12p4[1]	2880		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	784		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1376		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	355	355	✓
EOTOrigImpact()	2.69257808	2.69257808	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 2.31 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-888.153992		
CwEOT_HwDeg_T_f32	666.65802		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	666.780029		
HandWheelAuth_Uls_T_f32	0.266000003		
HandWheelPos_HwDeg_T_f32	-333.356995		
MotorVel_MtrRadpS_T_f32	-0.20000003		
VehicleSpeed_Kph_T_f32	9.22200012		
k_EOTDefltPosition_HwDeg_u12p4	7280		
k_EOTImpSpdEn_Kph_u9p7	7424		
k_PosRampStep_HwDeg_u12p4	10656		
k_SpdlptScale_MtrNmpRadpS_u4p12	234		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1408		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	455	455	✓
EOTOrigImpact()	2.84501958	2.84501958	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-666.458008		
CwEOT_HwDeg_T_f32	777.958984		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	777.349976		
HandWheelAuth_Uls_T_f32	0.765999973		
HandWheelPos_HwDeg_T_f32	444.157013		
MotorVel_MtrRadpS_T_f32	650		
VehicleSpeed_Kph_T_f32	8.14500046		
k_EOTDefltPosition_HwDeg_u12p4	8880		
k_EOTImpSpdEn_Kph_u9p7	4864		
k_PosRampStep_HwDeg_u12p4	8880		
k_SpdIptScale_MtrNmpRadpS_u4p12	242		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	608		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1024		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	0		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555	555	✓
EOTOrigImpact()	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.33 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-555.874023		
CwEOT_HwDeg_T_f32	888.754028		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	888.450012		
HandWheelAuth_Uls_T_f32	0.588		
HandWheelPos_HwDeg_T_f32	-444.246002		
MotorVel_MtrRadpS_T_f32	0.30000012		
VehicleSpeed_Kph_T_f32	6.6571002		
k_EOTDefltPosition_HwDeg_u12p4	10480		
k_EOTImpSpdEn_Kph_u9p7	11392		
k_PosRampStep_HwDeg_u12p4	7104		
k_SpdlptScale_MtrNmpRadpS_u4p12	0		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	624		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1056		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	65520		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	65520		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	655	655	~
EOTOrigImpact()	0	0	~

T .				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.34 (Repeat Count = 1)		<u> </u>
Name	Input Value	
CcwEOT_HwDeg_T_f32	-444.144989	
CwEOT_HwDeg_T_f32	999.45697	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	999.849976	
HandWheelAuth_Uls_T_f32	0.856000006	
HandWheelPos_HwDeg_T_f32	555.671021	
MotorVel_MtrRadpS_T_f32	-0.300000012	
VehicleSpeed_Kph_T_f32	5.12589979	
k_EOTDefltPosition_HwDeg_u12p4	12080	
k_EOTImpSpdEn_Kph_u9p7	6272	
k_PosRampStep_HwDeg_u12p4	5328	
k_SpdIptScale_MtrNmpRadpS_u4p12	257	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	640	

2015-06-29, 18:09:41+0530



Name	Input Value		
t_SpdIptTbIXTbI_HwDeg_u12p4[1]	1088		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	755	755	~
EOTOrigImpact()	0.922338843	0.922338843	~

T .				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-333.984985		
CwEOT_HwDeg_T_f32	423.157013		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1111.44995		
HandWheelAuth_Uls_T_f32	0.266000003		
HandWheelPos_HwDeg_T_f32	-555.317993		
MotorVel_MtrRadpS_T_f32	0.40000006		
VehicleSpeed_Kph_T_f32	4.31449986		
k_EOTDefltPosition_HwDeg_u12p4	7632		
k_EOTImpSpdEn_Kph_u9p7	9472		
k_PosRampStep_HwDeg_u12p4	3552		
k_SpdlptScale_MtrNmpRadpS_u4p12	0		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	656		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1120		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	128		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	160		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	477	477	
EOTOrigImpact()	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-222.354004		
CwEOT_HwDeg_T_f32	287.656006		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1265.14001		
HandWheelAuth_Uls_T_f32	0.665000021		
HandWheelPos_HwDeg_T_f32	666.846008		
MotorVel_MtrRadpS_T_f32	-0.40000006		
VehicleSpeed_Kph_T_f32	3.85100007		
k_EOTDefltPosition_HwDeg_u12p4	4432		
k_EOTImpSpdEn_Kph_u9p7	4736		
k_PosRampStep_HwDeg_u12p4	1776		
k_SpdlptScale_MtrNmpRadpS_u4p12	1024		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	672		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1152		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	160		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	176		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	277	277	~
EOTOrigImpact()	2.6500001	2.6500001	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~





Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-111.213997		
CwEOT_HwDeg_T_f32	764.353027		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	266.980011		
HandWheelAuth_Uls_T_f32	0.354999989		
HandWheelPos_HwDeg_T_f32	-666.95697		
MotorVel_MtrRadpS_T_f32	0.600000024		
VehicleSpeed_Kph_T_f32	2.35470009		
k_EOTDefltPosition_HwDeg_u12p4	7760		
k_EOTImpSpdEn_Kph_u9p7	11392		
k_PosRampStep_HwDeg_u12p4	12272		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	688		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1184		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	192		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	208		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	485	485	~
EOTOrigImpact()	0.2421875	0.2421875	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-739.057983		
CwEOT_HwDeg_T_f32	785.452026		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	766.169983		
HandWheelAuth_Uls_T_f32	0.430000007		
HandWheelPos_HwDeg_T_f32	633.653992		
MotorVel_MtrRadpS_T_f32	0.60000024		
VehicleSpeed_Kph_T_f32	3.85739994		
k_EOTDefltPosition_HwDeg_u12p4	12560		
k_EOTImpSpdEn_Kph_u9p7	0		
k_PosRampStep_HwDeg_u12p4	3920		
k_SpdlptScale_MtrNmpRadpS_u4p12	1		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	704		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1216		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	208		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	224		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	785	785	~
EOTOrigImpact()	8.80000019	8.80000019	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 2.39 (Repeat Count = 1)		~
Name	Input Value	
CcwEOT_HwDeg_T_f32	-684.020996	
CwEOT_HwDeg_T_f32	645.252014	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	596.469971	
HandWheelAuth_Uls_T_f32	0.236599997	
HandWheelPos_HwDeg_T_f32	-543.854004	
MotorVel_MtrRadpS_T_f32	-0.600000024	
VehicleSpeed_Kph_T_f32	2.1257	
k_EOTDefltPosition_HwDeg_u12p4	9040	
k_EOTImpSpdEn_Kph_u9p7	32640	
k_PosRampStep_HwDeg_u12p4	12256	
k_SpdlptScale_MtrNmpRadpS_u4p12	12	
t_SpdIptTbIXTbI_HwDeg_u12p4[0]	720	
t_SpdIptTbIXTbI_HwDeg_u12p4[1]	1248	
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	224	

2015-06-29, 18:09:41+0530



Name	Input Value		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	256		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	565	565	~
EOTOrigImpact()	0.0392578095	0.0392578132	•

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.40 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-538.611023		
CwEOT_HwDeg_T_f32	867.741028		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	497.070007		
HandWheelAuth_Uls_T_f32	0.787999988		
HandWheelPos_HwDeg_T_f32	484.674988		
MotorVel_MtrRadpS_T_f32	0.69999988		
VehicleSpeed_Kph_T_f32	1.35409999		
k_EOTDefltPosition_HwDeg_u12p4	7632		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	736		
k_SpdlptScale_MtrNmpRadpS_u4p12	24		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	736		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1280		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	240		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	288		
Name	Actual Value Εχ	pected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	477 477	,	~
EOTOrigImpact()	0.0837890655 0.08	837890655	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-644.124023		
CwEOT_HwDeg_T_f32	645.854004		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1250.33997		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-1100.25403		
MotorVel_MtrRadpS_T_f32	0.10000001		
VehicleSpeed_Kph_T_f32	8.32450008		
k_EOTDefltPosition_HwDeg_u12p4	8880		
k_EOTImpSpdEn_Kph_u9p7	4864		
k_PosRampStep_HwDeg_u12p4	0		
k_SpdIptScale_MtrNmpRadpS_u4p12	35		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	752		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1312		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	256		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1250.33997	1250.33997 ± 0.0000390625	-
EOTOrigImpact()	0.170043945	0.170043945 ± 0.0078125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cpt	1	IntolVarXY u16 u16Xu16Y Cnt	1	

Test Step 2.42 (Repeat Count = 1)	✓
Name	Input Value
CcwEOT_HwDeg_T_f32	-555.953979
CwEOT_HwDeg_T_f32	386.653992

2015-06-29, 18:09:41+0530



Name	Input Value		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200.057999		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-1150.56006		
MotorVel_MtrRadpS_T_f32	-0.100000001		
VehicleSpeed_Kph_T_f32	9.2578001		
k_EOTDefltPosition_HwDeg_u12p4	10656		
k_EOTImpSpdEn_Kph_u9p7	9600		
k_PosRampStep_HwDeg_u12p4	13104		
k_SpdlptScale_MtrNmpRadpS_u4p12	47		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	768		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1344		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	272		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	320		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1019.05798	1019.05798	✓
EOTOrigImpact()	0.228344724	0.228344724	✓

Τ					V
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~

Test Step 2.43 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-444.256989		
CwEOT_HwDeg_T_f32	377.153992		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.97998		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-1200.54004		
MotorVel_MtrRadpS_T_f32	0.20000003		
VehicleSpeed_Kph_T_f32	6.21560001		
k_EOTDefltPosition_HwDeg_u12p4	12432		
k_EOTImpSpdEn_Kph_u9p7	11392		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	58		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	784		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1376		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	384		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1003.97998	1003.97998	~
EOTOrigImpact()	0.337011695	0.337011725	✓

T			V	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.44 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	0		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0		
HandWheelAuth_Uls_T_f32	0		
HandWheelPos_HwDeg_T_f32	-1440.10999		
MotorVel_MtrRadpS_T_f32	-1350		
VehicleSpeed_Kph_T_f32	0		
k_EOTDefltPosition_HwDeg_u12p4	0		
k_EOTImpSpdEn_Kph_u9p7	0		
k_PosRampStep_HwDeg_u12p4	0		
k_SpdlptScale_MtrNmpRadpS_u4p12	0		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	0		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	0		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0	0	~
EOTOrigImpact()	0	0	~

2015-06-29, 18:09:41+0530



T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.45 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	1440.10999		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	1440.10999		
MotorVel_MtrRadpS_T_f32	1350		
VehicleSpeed_Kph_T_f32	511.992188		
k_EOTDefltPosition_HwDeg_u12p4	13104		
k_EOTImpSpdEn_Kph_u9p7	32640		
k_PosRampStep_HwDeg_u12p4	13104		
k_SpdlptScale_MtrNmpRadpS_u4p12	1024		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	2880		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	2880		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	65520		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	65520		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999	~
EOTOrigImpact()	8.80000019	8.80000019	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•



Test Case 3: Path Test Specification Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS3.1 156 cycles TS3.2 136 cycles TS3.3 164 cycles TS3.4 154 cycles TS3.5 164 cycles TS3.6 172 cycles TS3.7 164 cycles Description Vector Description $TS3.1 (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) = TRUE\\ TS3.2" (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) = FALSE\\ TS3.2" (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_U9p7, upp7_T)) = FALSE\\ TS3.2" (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_T_f32 > FPM_FixedToFloat_m(k_E$ AND $(HandWheelAuth_Uls_T_f32 < D_HWPOSAUTHHILMT_ULS_F32) = TRUE$ AND (HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32) = FALSE AND (DeltaAstEOTLmt MtrRadpS T f32 < D ZERO ULS F32) = FALSE" TS3.3"(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T))=FALSE AND (HandWheelAuth_Uls_T_f32 < D_HWPOSAUTHHILMT_ULS_F32)=FALSE ÀND if (Abs_f32_m(HwPosDiff_HwDeg_T_f32) > FPM_FixedToFloat_m(k_PosRampStep_HwDeg_u12p4, u12p4_T))=TRUE AND (HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32)=FALSE ÀND $\label{eq:continuity} $$(DeltaAstEOTLmt_MtrRadpS_T_{32} < D_ZERO_ULS_F32)=FALSE"$$TS3.4"(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T))=FALSE$$$(Astallar) = FALSE$$$(Astallar) = FALSE$$$$ $(HandWheelAuth_Uls_T_f32 < D_HWPOSAUTHHILMT_ULS_F32) = FALSE \\ AND$ if (Abs_f32_m(HwPosDiff_HwDeg_T_f32) > FPM_FixedToFloat_m(k_PosRampStep_HwDeg_u12p4, u12p4_T))=TRUE AND $(HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32) = FALSE$ $(DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32) = TRUE$ TS3.5"(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T))=FALSE AND (HandWheelAuth_Uls_T_f32 < D_HWPOSAUTHHILMT_ULS_F32)=FALSE ÀND if (Abs_f32_m(HwPosDiff_HwDeg_T_f32) > FPM_FixedToFloat_m(k_PosRampStep_HwDeg_u12p4, u12p4_T))=FALSE AND (HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32)=FALSE (DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32)=FALSE" TS3.6"(VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T))=FALSE $(HandWheelAuth_Uls_T_f32 < D_HWPOSAUTHHILMT_ULS_F32) = FALSE$ AND if (Abs_f32_m(HwPosDiff_HwDeg_T_f32) > FPM_FixedToFloat_m(k_PosRampStep_HwDeg_u12p4, u12p4_T))=TRUE AND (HandWheelPos_HwDeg_T_f32 < D_ZERO_ULS_F32)=TRUE ÀND $(DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32) = TRUE$

TS3.7t_SpdlptTblX_HwDeg_T	112p4[0] = Abe e16	m(CowEOT HwDea	T c11n/ + (cint16)t	SpdIptThIYThI HwDea	u12p4[0])=>TPLIE
133.71_Spaipt1biA_nwbeg_1	_u i zp4[0] = Abs_s i c	_iii(CcwEO1_nwbeg_	_1_511P4 + (SIIIL16)L	_SpaiptiblAibl_nwbeg	_u12p4[0])=>1K0E

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-100		
CwEOT_HwDeg_T_f32	1400		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	350		
HandWheelAuth_Uls_T_f32	0.10000001		
HandWheelPos_HwDeg_T_f32	-900		
MotorVel_MtrRadpS_T_f32	150		
VehicleSpeed_Kph_T_f32	180		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100	100 ± 0.0000390625	-
EOTOrigImpact()	8.80000019	8.80000019 ± 0.0078125	✓





T				•	
Actual Function	Count	Expected Function	Count	Resul	t
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1		7

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-100		
CwEOT_HwDeg_T_f32	1440.10999		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	250		
HandWheelAuth_Uls_T_f32	0.200000003		
HandWheelPos_HwDeg_T_f32	900		
MotorVel_MtrRadpS_T_f32	0.5		
VehicleSpeed_Kph_T_f32	0.100000001		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	100	100 ± 0.0000390625	~
EOTOrigImpact()	0.283203125	0.283203125 ± 0.0078125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.3 (Repeat Count = 1)			~
Name	Input Value		
CcwEOT_HwDeg_T_f32	-400		
CwEOT_HwDeg_T_f32	1100		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	110		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	400		
MotorVel_MtrRadpS_T_f32	1		
VehicleSpeed_Kph_T_f32	0.20000003		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdIptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	113	113 ± 0.0000390625	-
EOTOrigImpact()	0.2734375	0.2734375 ± 0.0078125	✓

Т				~
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.4 (Repeat Count = 1)		✓
Name	Input Value	
CcwEOT_HwDeg_T_f32	-200	
CwEOT_HwDeg_T_f32	1200	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	500	
HandWheelAuth_Uls_T_f32	1	
HandWheelPos_HwDeg_T_f32	400	
MotorVel_MtrRadpS_T_f32	-620	
VehicleSpeed_Kph_T_f32	0.150000006	

2015-06-29, 18:09:41+0530



Name	Input Value		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	497	497 ± 0.0000390625	✓
EOTOrigImpact()	0	0 ± 0.0078125	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.5 (Repeat Count = 1)			~
Name	Input Value		
CcwEOT_HwDeg_T_f32	-300		
CwEOT_HwDeg_T_f32	1000		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	400		
MotorVel_MtrRadpS_T_f32	2		
VehicleSpeed_Kph_T_f32	0.20999993		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400	400 ± 0.0000390625	~
EOTOrigImpact()	0.25390625	0.25390625 ± 0.0078125	·

T				•	,
Actual Function	Count	Expected Function	Count	Resul	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	,

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-500		
CwEOT_HwDeg_T_f32	1000		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400		
HandWheelAuth_Uls_T_f32	1		
HandWheelPos_HwDeg_T_f32	-180		
MotorVel_MtrRadpS_T_f32	-700		
VehicleSpeed_Kph_T_f32	0.129999995		
k_EOTDefltPosition_HwDeg_u12p4	1600		
k_EOTImpSpdEn_Kph_u9p7	3840		
k_PosRampStep_HwDeg_u12p4	48		
k_SpdlptScale_MtrNmpRadpS_u4p12	80		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	240		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	397	397 ± 0.0000390625	~
EOTOrigImpact()	0	0 ± 0.0078125	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~





Test Step 3.7 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	800.35199		
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	660.015381		
HandWheelAuth_Uls_T_f32	0.800000012		
HandWheelPos_HwDeg_T_f32	-680.851013		
MotorVel_MtrRadpS_T_f32	0.200000003		
VehicleSpeed_Kph_T_f32	15.4560003		
k_EOTDefltPosition_HwDeg_u12p4	9600		
k_EOTImpSpdEn_Kph_u9p7	6400		
k_PosRampStep_HwDeg_u12p4	4096		
k_SpdlptScale_MtrNmpRadpS_u4p12	32		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	224		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	256		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	384		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	576		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600	600 ± 0.0000390625	~
EOTOrigImpact()	0.279687494	0.279687494 ± 0.0078125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

2015-06-29, 18:18:39+0530



SES_DetLmtPos

Project	EOTActuatorMng
Module	EOTActuatorMng
Test Object	SES_DetLmtPos

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_EOTActuatorMng\EOTActuatorMng			
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c			
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\stdDef\include -I\$(PROJECTROOT)\\utp\\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\utp\\contract -I\$(Compiler Install Path)\\u00edinclude			
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c			
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include			

Name	Text
Module 'EOTActuatorMng'	/**** /**** /**** /**** /*** /*** /*** /** /** /** /** /** /** /** /** /** /*

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
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	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

2015-06-29, 18:18:39+0530



Attributes				
Name	Value			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution				
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			

Description



Test Case 1: Metrics Test

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

TS1.1 22 cycles TS1.2 32 cycles Vector Description

TS1.1"Shortest Execution Path:
((CwEOT_HwDeg_T_u12p4 < k_MinRackTrvl_HwDeg_u12p4) Or (CwEOT_HwDeg_T_u12p4 > k_MaxRackTrvl_HwDeg_u12p4)) ==> FALSE"
TS1.2"Longest Execution Path:
((CcwEOT_HwDeg_T_s11p4 < NegMaxRackTrvl_HwDeg_T_s11p4) Or (CcwEOT_HwDeg_T_s11p4 > NegMinRackTrvl_HwDeg_T_s11p4)) ==> TRUE"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-900.200012		
CwEOT_HwDeg_T_f32	500.700012		
HandWheelPos_HwDeg_T_f32	1440.10999		
k_MaxRackTrvl_HwDeg_u12p4	14208		
k_MinRackTrvl_HwDeg_u12p4	6160		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	500.700012	500.700012	~

Т				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	100.300003		
HandWheelPos_HwDeg_T_f32	-1400.09998		
k_MaxRackTrvl_HwDeg_u12p4	7104		
k_MinRackTrvl_HwDeg_u12p4	14336		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-896	-896	~

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

TS2.19All max



Test Case 2: Boundary Test Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: Specification TS2.1 27 cycles TS2.2 33 cycles TS2.2 33 cycles TS2.3 33 cycles TS2.4 33 cycles TS2.5 37 cycles TS2.6 32 cycles TS2.7 33 cycles TS2.10 30 cycles TS2.10 30 cycles TS2.11 22 cycles TS2.11 22 cycles TS2.11 27 cycles TS2.11 27 cycles TS2.12 27 cycles TS2.12 27 cycles TS2.13 30 cycles TS2.14 27 cycles TS2.15 21 cycles TS2.15 21 cycles TS2.16 27 cycles TS2.17 32 cycles TS2.18 32 cycles TS2.19 32 cycles TS2.19 32 cycles Description Vector Description TS2.1CwEOT1_HwDeg_T_f32 min TS2.2CwEOT1_HwDeg_T_f32 max TS2.3CwEOT1_HwDeg_T_f32 zero TS2.4CcwEOT1_HwDeg_T_f32 min TS2.5CcwEOT1_HwDeg_T_f32 min TS2.5CcwEOT1_HwDeg_T_f32 min TS2.7HandWheelPos1_HwDeg_T_f32 min TS2.8HandWheelPos1_HwDeg_T_f32 min TS2.8HandWheelPos1_HwDeg_T_f32 max TS2.9HandWheelPos1_HwDeg_T_f32 zero TS2.10HandWheelPos1_HwDeg_T_f32 pos TS2.11HandWheelPos1_HwDeg_T_f32 pos TS2.11k_MaxRackTrvl_HwDeg_u12p4 min TS2.13k_MaxRackTrvl_HwDeg_u12p4 min TS2.15k_MinRackTrvl_HwDeg_u12p4 min TS2.16k_MinRackTrvl_HwDeg_u12p4 min TS2.17k_MinRackTrvl_HwDeg_u12p4 min TS2.17k_MinRackTrvl_HwDeg_u12p4 min TS2.17k_MinRackTrvl_HwDeg_u12p4 mid/default TS2.18All min TS2.19All max

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1300.021		
CwEOT_HwDeg_T_f32	0		
HandWheelPos_HwDeg_T_f32	252.451004		
k_MaxRackTrvl_HwDeg_u12p4	1776		
k_MinRackTrvl_HwDeg_u12p4	5840		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	365	365	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.2 (Repeat Count = 1)		✓	
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1200.02295		
CwEOT_HwDeg_T_f32	1440.10999		
HandWheelPos_HwDeg_T_f32	250.987		
k_MaxRackTrvl_HwDeg_u12p4	3552		
k_MinRackTrvl_HwDeg_u12p4	15456		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	966	966	~

Т					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
CcwEOT_HwDeg_T_f32	-1100.245

2015-06-29, 18:18:39+0530



Name	Input Value		
CwEOT_HwDeg_T_f32	1000		
HandWheelPos_HwDeg_T_f32	150.154007		
k_MaxRackTrvl_HwDeg_u12p4	5328		
k_MinRackTrvl_HwDeg_u12p4	4400		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	275	275	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	100.124001		
HandWheelPos_HwDeg_T_f32	-1400.62402		
k_MaxRackTrvl_HwDeg_u12p4	7104		
k_MinRackTrvl_HwDeg_u12p4	14336		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-896	-896	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.5 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	200.524002		
HandWheelPos_HwDeg_T_f32	-1300.45801		
k_MaxRackTrvl_HwDeg_u12p4	8880		
k_MinRackTrvl_HwDeg_u12p4	4416		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-276	-276	~

Τ					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.6 (Repeat Count = 1)		✓	
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1000		
CwEOT_HwDeg_T_f32	300.85199		
HandWheelPos_HwDeg_T_f32	-1300.14697		
k_MaxRackTrvl_HwDeg_u12p4	10656		
k_MinRackTrvl_HwDeg_u12p4	11920		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-745	-745	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
CcwEOT_HwDeg_T_f32	-800.14801
CwEOT_HwDeg_T_f32	400.960999
HandWheelPos_HwDeg_T_f32	-1440.10999
k_MaxRackTrvl_HwDeg_u12p4	12432

2015-06-29, 18:18:39+0530



Name	Input Value		
k_MinRackTrvl_HwDeg_u12p4	2672		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-167	-167	~

Т					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-900.95697		
CwEOT_HwDeg_T_f32	500.157013		
HandWheelPos_HwDeg_T_f32	1440.10999		
k_MaxRackTrvl_HwDeg_u12p4	14208		
k_MinRackTrvl_HwDeg_u12p4	6160		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	500.157013	500.157013	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.9 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-700.351013		
CwEOT_HwDeg_T_f32	600.750977		
HandWheelPos_HwDeg_T_f32	0		
k_MaxRackTrvl_HwDeg_u12p4	15984		
k_MinRackTrvl_HwDeg_u12p4	13680		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	855	855	~

Т					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-600.125427		
CwEOT_HwDeg_T_f32	700.473022		
HandWheelPos_HwDeg_T_f32	-500		
k_MaxRackTrvl_HwDeg_u12p4	16000		
k_MinRackTrvl_HwDeg_u12p4	6192		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-600.125427	-600.125427	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-500.653992		
CwEOT_HwDeg_T_f32	800.950989		
HandWheelPos_HwDeg_T_f32	500		
k_MaxRackTrvl_HwDeg_u12p4	17776		
k_MinRackTrvl_HwDeg_u12p4	12064		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	800.950989	800.950989	·

2015-06-29, 18:18:39+0530



T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 2.12 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-666.85199		
CwEOT_HwDeg_T_f32	111.752998		
HandWheelPos_HwDeg_T_f32	364.14801		
k_MaxRackTrvl_HwDeg_u12p4	0		
k_MinRackTrvl_HwDeg_u12p4	6048		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	378	378	

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-555.453003		
CwEOT_HwDeg_T_f32	222.158997		
HandWheelPos_HwDeg_T_f32	-574.950989		
k_MaxRackTrvl_HwDeg_u12p4	23040		
k_MinRackTrvl_HwDeg_u12p4	7152		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-555.453003	-555.453003	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-444.623993		
CwEOT_HwDeg_T_f32	333.356995		
HandWheelPos_HwDeg_T_f32	476.356995		
k_MaxRackTrvl_HwDeg_u12p4	9600		
k_MinRackTrvl_HwDeg_u12p4	10176		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	636	636	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-333.351013		
CwEOT_HwDeg_T_f32	444.756012		
HandWheelPos_HwDeg_T_f32	764.146973		
k_MaxRackTrvl_HwDeg_u12p4	19552		
k_MinRackTrvI_HwDeg_u12p4	0		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	444.756012	444.756012	~





Τ				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-54.0125008		
CwEOT_HwDeg_T_f32	34.9539986		
HandWheelPos_HwDeg_T_f32	63.3689995		
k_MaxRackTrvl_HwDeg_u12p4	256		
k_MinRackTrvl_HwDeg_u12p4	23040		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	1440	1440	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-111.014801		
CwEOT_HwDeg_T_f32	666.153015		
HandWheelPos_HwDeg_T_f32	176.145004		
k_MaxRackTrvl_HwDeg_u12p4	2128		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	550	550	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-1440.10999		
CwEOT_HwDeg_T_f32	0		
HandWheelPos_HwDeg_T_f32	-1440.10999		
k_MaxRackTrvl_HwDeg_u12p4	0		
k_MinRackTrvl_HwDeg_u12p4	0		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	0		
CwEOT_HwDeg_T_f32	1440.10999		
HandWheelPos_HwDeg_T_f32	1440.10999		
k_MaxRackTrvl_HwDeg_u12p4	23040		
k_MinRackTrvl_HwDeg_u12p4	23040		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	1440	1440	~





Т					✓
Actual Function	Count	Expected Function	Count	Resu	ılt
none	0	*** No Call Expected ***	0		~

Test Case 3:	Path Test
Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS3.1 33 cycles TS3.2 30 cycles TS3.3 36 cycles TS3.4 27 cycles TS3.5 22 cycles TS3.6 33 cycles
Description	Vector Description
	TS3.1"(HandWheelPos1_HwDeg_T_f32 < D_ZERO_ULS_F32)=TRUE AND
	(CcwEOT_HwDeg_T_s11p4 < NegMaxRackTrvl_HwDeg_T_s11p4) Or (CcwEOT_HwDeg_T_s11p4 > NegMinRackTrvl_HwDeg_T_s11p4))=TRUE" TS3.2"(HandWheelPos1_HwDeg_T_f32 < D_ZERO_ULS_F32)=TRUE
	AND (CcwEOT_HwDeg_T_s11p4 < NegMaxRackTrvl_HwDeg_T_s11p4) Or (CcwEOT_HwDeg_T_s11p4 > NegMinRackTrvl_HwDeg_T_s11p4))=FALSE" TS3.3"(HandWheelPos1 HwDeg T f32 < D ZERO ULS F32)=TRUE
	AND (CcwEOT_HwDeg_T_s11p4 < NegMaxRackTrvl_HwDeg_T_s11p4) Or (CcwEOT_HwDeg_T_s11p4 > NegMinRackTrvl_HwDeg_T_s11p4)=TRUE"
	TS3.4"(HandWheelPos1_HwDeg_T_f32 < D_ZERO_ULS_F32)=FALSE AND ((CWEOT_HwDeg_T_u12p4 < k_MinRackTrvl_HwDeg_u12p4) Or (CwEOT_HwDeg_T_u12p4 > k_MaxRackTrvl_HwDeg_u12p4))=TRUE" TS3.5"(HandWheelPos1_HwDeg_T_132 < D_ZERO_ULS_F32)=FALSE
	AND ((CwEOT_HwDeg_T_u12p4 < k_MinRackTrvl_HwDeg_u12p4) Or (CwEOT_HwDeg_T_u12p4 > k_MaxRackTrvl_HwDeg_u12p4))=FALSE" TS3.6"(HandWheelPos1_HwDeg_T_f32 < D_ZERO_ULS_F32)=FALSE
	AND ((CwEOT_HwDeg_T_u12p4 < k_MinRackTrvl_HwDeg_u12p4) Or (CwEOT_HwDeg_T_u12p4 > k_MaxRackTrvl_HwDeg_u12p4))=TRUE"

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-600		
CwEOT_HwDeg_T_f32	1440.10999		
HandWheelPos_HwDeg_T_f32	-250		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-550	-550	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-550		
CwEOT_HwDeg_T_f32	1000		
HandWheelPos_HwDeg_T_f32	-300		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-550	-550	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	



Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-34.375		
CwEOT_HwDeg_T_f32	1000		
HandWheelPos_HwDeg_T_f32	-300		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	-550	-550	~

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.4 (Repeat Count = 1)			
Name	Input Value		
CcwEOT_HwDeg_T_f32	-200		
CwEOT_HwDeg_T_f32	100		
HandWheelPos_HwDeg_T_f32	400		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	550	550	~

T				•
Actual Function	Count	Expected Function	Coun	t Result
none	0	*** No Call Expected ***	0	•

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-300		
CwEOT_HwDeg_T_f32	550		
HandWheelPos_HwDeg_T_f32	500		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	550	550	✓

Τ				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
CcwEOT_HwDeg_T_f32	-400		
CwEOT_HwDeg_T_f32	560		
HandWheelPos_HwDeg_T_f32	600		
k_MaxRackTrvl_HwDeg_u12p4	8800		
k_MinRackTrvl_HwDeg_u12p4	8800		
Name	Actual Value	Expected Value	Result
SES_DetLmtPos()	550	550	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

2015-06-29, 18:15:13+0530

SES_CalcEOTGain



 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 SES_CalcEOTGain

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) 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_EOTActuatorMng\EOTActuatorMng
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include

Comments/Description/Specification				
Name	Text			
Module 'EOTActuatorMng'	/*************************************			

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
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	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles
Timer Enabled	false

2015-06-29, 18:15:13+0530

SES_CalcEOTGain



Attributes	
Name	Value
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics test

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

TS1.1 2 cycles TS1.2 7 cycles

Description Vector Description

TS1.1"Shortest Execution Path: SESState_Uls_M_enum = SES_DISABLED" TS1.2"Longest Execution Path: SESState_Uls_M_enum = Else"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTEnterGain_Uls_T_f32	0.20000003		
EOTExitGain_Uls_T_f32	0.69999988		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

T .				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTEnterGain_Uls_T_f32	0.10000001		
EOTExitGain_Uls_T_f32	0.69999988		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.10000001	0.10000001	~

T				V	
Actual Function	Count	Expected Function	Count	Result	ı
none	0	*** No Call Expected ***	0	-	ï

Test Case 2: Boundary Test

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

TS2.1 7 cycles TS2.2 7 cycles TS2.2 7 cycles TS2.4 5 cycles TS2.5 5 cycles TS2.5 5 cycles TS2.7 2 cycles TS2.8 7 cycles TS2.8 7 cycles TS2.10 5 cycles TS2.11 2 cycles TS2.11 2 cycles

Description Vector Description

TS2.1EOTEnterGain_Uls_T_f32min
TS2.2EOTEnterGain_Uls_T_f32 max
TS2.3EOTEnterGain_Uls_T_f32 pos
TS2.4EOTExitGain_Uls_T_f32 min
TS2.5EOTExitGain_Uls_T_f32 max
TS2.6EOTExitGain_Uls_T_f32 pos
TS2.7SESState_Uls_M_enum min
TS2.8SESState_Uls_M_enum=1
TS2.9SESState_Uls_M_enum=2
TS2.10SESState_Uls_M_enum max
TS2.11All min
TS2.12All max

TS2.12All max

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL

SES_CalcEOTGain

2015-06-29, 18:15:13+0530



Name	Input Value		
EOTEnterGain_Uls_T_f32	0		
EOTExitGain_Uls_T_f32	0.89999976		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTEnterGain_Uls_T_f32	1		
EOTExitGain_Uls_T_f32	0.800000012		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTEnterGain_Uls_T_f32	0.5		
EOTExitGain_Uls_T_f32	0.69999988		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.5	0.5	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_Uls_T_f32	0.10000001		
EOTExitGain_Uls_T_f32	0		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0	0	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.5 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_Uls_T_f32	0.200000003		
EOTExitGain_Uls_T_f32	1		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	





Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_UIs_T_f32	0.300000012		
EOTExitGain_Uls_T_f32	0.300000012		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.300000012	0.300000012	~

Т				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.7 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTEnterGain_UIs_T_f32	0.40000006		
EOTExitGain_Uls_T_f32	0.100000001		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.8 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTEnterGain_Uls_T_f32	0.40000006		
EOTExitGain_Uls_T_f32	0.100000001		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.40000006	0.40000006	~

Т					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTEnterGain_UIs_T_f32	0.600000024		
EOTExitGain_Uls_T_f32	0.20000003		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.600000024	0.600000024	~

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 2.10 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_Uls_T_f32	0.600000024		
EOTExitGain_Uls_T_f32	0.200000003		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.200000003	0.20000003	~

2015-06-29, 18:15:13+0530





T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTEnterGain_Uls_T_f32	0		
EOTExitGain_Uls_T_f32	0		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	

Τ			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_Uls_T_f32	1		
EOTExitGain_Uls_T_f32	1		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

T			✓	
Actual Function	Count	Expected Function	Coun	t Result
none	0	*** No Call Expected ***	0	

Test Case 3: Path Test

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

TS3.1 7 cycles TS3.2 2 cycles TS3.3 5 cycles

Description Vector Description

SES_CalcEOTGain()

TS3.1SESState_UIs_M_enum = Else TS3.2SESState_UIs_M_enum = SES_DISABLED TS3.3SESState_UIs_M_enum = SES_EXITING

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTEnterGain_UIs_T_f32	0.100000001		
EOTExitGain_Uls_T_f32	0.69999988		
Nome	Actual Value	Expected Value	Popult

T			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

0.100000001

0.100000001

2015-06-29, 18:15:13+0530



SES_CalcEOTGain

Test Step 3.2 (Repeat Count = 1)			~
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTEnterGain_Uls_T_f32	0.200000003		
EOTExitGain_Uls_T_f32	0.69999988		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	1	1	~

Τ			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
EOTEnterGain_Uls_T_f32	0.300000012		
EOTExitGain_Uls_T_f32	0.800000012		
Name	Actual Value	Expected Value	Result
SES_CalcEOTGain()	0.800000012	0.800000012	~

T .			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

2015-06-29, 18:23:06+0530



SES_StateCtrl

 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 SES_StateCtrl

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Γotal	Testcases	3

2015-06-29, 18:23:06+0530



Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



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

TS1.1 64 cycles TS1.2 389 cycles

Description Vector Description

TS.1.1"Shortest Execution Path: ((HandWheelAuth1_UIs_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T)) Or (EOTDisable_Cnt_T_lgc = True)) ==> TRUE; StatePriVectRes_UIs_T_u16 = D_SESSTATE_PRI1_ULS_U16"

TS1.2"Longest Execution Path: ((HandWheelAuth_UIs_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_UIs_u8p8, u8p8_T)) || (VehicleSpeed_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) || (EOTDt_Cnt_T_lgc == FALSE) || (EOTDisable_Cnt_T_lgc == FALSE) || (EOTDisable_Cnt_T_lgc == FALSE) || (EOTDisable_Cnt_T_lgc == FALSE) || (EOTDisable_Cnt_T_lgc == TRUE)) => FALSE (((EOTActuatorMng_OutputRampMultLtd_M_f32 <= k_EOTActiveRegionBypassMaxThresh_UIs_f32) && (SESNextState_UIs_T_enum == SES_DISABLED)) || (Abs_f32_m(HandWheelPos_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32), EOTPosDepDampVal_HwDeg_T_f32) )| >> TRUE (FiltHwTrq_HwMm_T_f32 < EOTDeltaTrqThrsh_HwNm_T_f32) >= FALSE (FiltHwTrq_HwMm_T_f32 < (D_MINUSONE_ULS_F32*EOTDeltaTrqThrsh_HwNm_T_f32)) >> TRUE (EOTActuatorMng_SESState_UIs_M_enum != SES_DISABLED)) >> TRUE"
```

EOTAcutaroMng_SESSiate_Uis_M_enum	Test Step 1.1 (Repeat Count = 1)			✓
SES_NORMAL	Name	Input Value		
SOTDIESIDE CRIT_Ige	EOTActuatorMng_OutputRampMultLtd_M_f32	0.531000018		
EOTIDIAGE Colt T_lgc	EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
Filther Hawm_T_132	EOTDet_Cnt_T_lgc	1		
HandWheelPos_HMDeg_T_132	EOTDisable_Cnt_T_lgc	1		
HandWheelPos_HwDeg_T_[92	FiltHwTrq_HwNm_T_f32	-10		
LimitPosition_HwDeg_T_62	HandWheelAuth_Uls_T_f32	0.89999976		
VehicleSpeed_Kph_T_132	HandWheelPos_HwDeg_T_f32	600.450012		
K. EOTOActiveRegionBypassMaxThresh_Uls_[32] 0.257999986 K. EOTOHatTrqTinsh_Hwhm_up97 0 K. EOTOInpSpdEn, Kph_up97 3840 Z. EOTEInterGainX_HwDeg_u12p4[0][0] 1440 Z. EOTEInterGainX_HwDeg_u12p4[0][1] 960 Z. EOTEInterGainX_HwDeg_u12p4[0][3] 320 Z. EOTEInterGainX_HwDeg_u12p4[1][0] 1600 Z. EOTEInterGainX_HwDeg_u12p4[1][1] 2400 Z. EOTEInterGainX_HwDeg_u12p4[1][1] 2400 Z. EOTEInterGainX_HwDeg_u12p4[1][2] 3200 Z. EOTEInterGainX_HwDeg_u12p4[1][3] 4000 Z. EOTEInterGainX_HwDeg_u12p4[2][1] 5600 Z. EOTEInterGainX_HwDeg_u12p4[2][2] 6400 Z. EOTEInterGainX_HwDeg_u12p4[2][3] 7200 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 7200 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 9600 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 10400 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 10400 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 10400 Z. EOTEInterGainX_HwDeg_u12p4[3][3] 10400 Z. EOTEOSEOPImpTbX_HwDeg_u12p4[1][1] 720 Z. EOTEOSEOPImpTbX_HwDeg_u12p4[3][1] <t< td=""><td>LimitPosition_HwDeg_T_f32</td><td>1100.19995</td><td></td><td></td></t<>	LimitPosition_HwDeg_T_f32	1100.19995		
COTDeltaTrqThrsh_HwNm_u9p7	VehicleSpeed_Kph_T_f32	10.6700001		
ACTOMONOCON Uls_u8p8 205	k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.257999986		
EOTImpSpdEn_Kph_u9p7 3840 2	k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
	k_EOTDynConf_Uls_u8p8	205		
Q_EOTEnterGainX_HwDeg_u12p4[0][1] 960 2_EOTEnterGainX_HwDeg_u12p4[0][2] 480 2_EOTEnterGainX_HwDeg_u12p4[1][0] 1600 2_EOTEnterGainX_HwDeg_u12p4[1][1] 2400 2_EOTEnterGainX_HwDeg_u12p4[1][1] 2400 2_EOTEnterGainX_HwDeg_u12p4[1][2] 3200 2_EOTEnterGainX_HwDeg_u12p4[1][3] 4000 2_EOTEnterGainX_HwDeg_u12p4[2][0] 4800 2_EOTEnterGainX_HwDeg_u12p4[2][0] 4800 2_EOTEnterGainX_HwDeg_u12p4[2][0] 4800 2_EOTEnterGainX_HwDeg_u12p4[2][1] 5600 2_EOTEnterGainX_HwDeg_u12p4[2][1] 5600 2_EOTEnterGainX_HwDeg_u12p4[2][3] 7200 2_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 2_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 2_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 2_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 2_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 2_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 2_EOTEnterGainX_HwDeg_u12p4[4][0] 560 2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 560 2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 720 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1760 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1760 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 7200 2_EOTFINErGainVspd_Kyh_u9p7[0] 0 EOTEnterGainVspd_Kyh_u9p7[0] 0 EOTEnterGainVspd_Kyh_u9p7[0] 0 EOTEnterGainVspd_Kyh_u9p7[0] 1200 EOTEnterGainVspd_Kyh_u9p7[0] 1200 1200 E	k_EOTImpSpdEn_Kph_u9p7	3840		
2_EOTEnterGainX_HwDeg_u12p4[0] 2	t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440		
2_EOTEnterGainX_HwDeg_u12p4[1][0] 1800	t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960		
2_EOTEnterGainX_HwDeg_u12p4[1][0] 1600 12_EOTEnterGainX_HwDeg_u12p4[1][1] 2400 12_EOTEnterGainX_HwDeg_u12p4[1][2] 3200 12_EOTEnterGainX_HwDeg_u12p4[1][2] 3200 12_EOTEnterGainX_HwDeg_u12p4[2][0] 4800 12_EOTEnterGainX_HwDeg_u12p4[2][0] 4800 12_EOTEnterGainX_HwDeg_u12p4[2][1] 5500 12_EOTEnterGainX_HwDeg_u12p4[2][2] 6400 12_EOTEnterGainX_HwDeg_u12p4[2][3] 7200 12_EOTEnterGainX_HwDeg_u12p4[3][0] 8800 12_EOTEnterGainX_HwDeg_u12p4[3][0] 8800 12_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 12_EOTEnterGainX_HwDeg_u12p4[3][2] 9600 12_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 12_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 12_EOTEnterGainX_HwDeg_u12p4[0][0] 320 12_EOTEnterGainX_HwDeg_u12p4[0][0] 12_EOTEnterGainX_HwDeg_u12p4[0][0] 12_EOTEnterGainX_HwDeg_u12p4[0][0] 17_EOTENTERGainX_HwDeg_u12p4[0][0] 17_EOTEN	t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
2400 2400 2400 2400 2400 2400 2400 2400	t2_EOTEnterGainX_HwDeg_u12p4[0][3]	320		
22 EOTEnterGainX_HwDeg_u12p4[1] 2 3200 22 EOTEnterGainX_HwDeg_u12p4[1] 3 4000 4	t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
2_EOTEnterGainX_HwDeg_u12p4[1] 3 4000 4800	t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
2 EOTEnterGainX_HwDeg_u12p4[2][0]	t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
2_EOTEnterGainX_HwDeg_u12p4[2] 1	t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
2	t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
12_EOTEnterGainX_HwDeg_u12p4[2][3] 7200 12_EOTEnterGainX_HwDeg_u12p4[3][0] 8000 12_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 12_EOTEnterGainX_HwDeg_u12p4[3][2] 9600 12_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 104	t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
12	t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
12_EOTEnterGainX_HwDeg_u12p4[3][1]	t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
12	t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
10400 1040	t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
12	t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
12_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 0	t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
12 EOTPosDepDmpTblX HwDeg_u12p4[1][0] 560 12 EOTPosDepDmpTblX HwDeg_u12p4[1][1] 720 12 EOTPosDepDmpTblX HwDeg_u12p4[2][0] 1760 12 EOTPosDepDmpTblX HwDeg_u12p4[2][0] 3520 12 EOTPosDepDmpTblX HwDeg_u12p4[3][0] 7200 12 EOTPosDepDmpTblX HwDeg_u12p4[3][0] 7200 12 EOTPosDepDmpTblX HwDeg_u12p4[3][1] 8000 13 EOTEnterGainVspd_Kph_u9p7[0] 0 14 EOTEnterGainVspd_Kph_u9p7[1] 640 15 EOTEnterGainVspd_Kph_u9p7[2] 1280 15 EOTEnterGainVspd_Kph_u9p7[3] 2560 16 Name Actual Value Expected Value Result	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320		
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 720 1760	t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
1760	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
12 EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3520 2 EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 7200 2 EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 8000 2 EOTEnterGainVspd_Kph_u9p7[0] 0 0 2 EOTEnterGainVspd_Kph_u9p7[1] 640 1 EOTEnterGainVspd_Kph_u9p7[2] 1280 1 EOTEnterGainVspd_Kph_u9p7[3] 2560 2 Expected Value Result	t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 7200	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 8000 t_EOTEnterGainVspd_Kph_u9p7[0] 0 t_EOTEnterGainVspd_Kph_u9p7[1] 640 t_EOTEnterGainVspd_Kph_u9p7[2] 1280 t_EOTEnterGainVspd_Kph_u9p7[3] 2560 Name	t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t_EOTEnterGainVspd_Kph_u9p7[0] 0 t_EOTEnterGainVspd_Kph_u9p7[1] 640 t_EOTEnterGainVspd_Kph_u9p7[2] 1280 t_EOTEnterGainVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	7200		
t_EOTEnterGainVspd_Kph_u9p7[1] 640 t_EOTEnterGainVspd_Kph_u9p7[2] 1280 t_EOTEnterGainVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	8000		
t_EOTEnterGainVspd_Kph_u9p7[2] 1280 t_EOTEnterGainVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result	t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result	t_EOTEnterGainVspd_Kph_u9p7[1]	640		
Name Actual Value Expected Value Result	t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
	t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
EOTActuatorMng_SESState_Uls_M_enum SES_DISABLED SES_DISABLED	Name	Actual Value	Expected Value	Result
	EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

2015-06-29, 18:23:06+0530



Test Step 1.2 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.9900001		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-9.67000008		
HandWheelAuth_Uls_T_f32	0.920000017		
HandWheelPos_HwDeg_T_f32	694.370972		
LimitPosition_HwDeg_T_f32	-500.450012		
VehicleSpeed_Kph_T_f32	24.1000004		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0430000015		
k_EOTDeltaTrqThrsh_HwNm_u9p7	896		
k_EOTDynConf_Uls_u8p8	233		
k_EOTImpSpdEn_Kph_u9p7	7936		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	192		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2384		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2416		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1440		
t2 EOTEnterGainX HwDeg u12p4[2][1]	4304		
t2 EOTEnterGainX HwDeg u12p4[2][2]	4320		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4336		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6224		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6240		
t2 EOTEnterGainX HwDeg u12p4[3][3]	6256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	400		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	560		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4336		
t EOTEnterGainVspd Kph u9p7[0]	5120		
t_EOTEnterGainVspd_Kph_u9p7[1]	15232		
	15360		
t_EOTEnterGainVspd_Kph_u9p7[2]			
t_EOTEnterGainVspd_Kph_u9p7[3]	15488	Promoted 136 1	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	✓

SES_StateCtrl

2015-06-29, 18:23:06+0530



Test Case 2: Boundary Test

2015-06-29, 18:23:06+0530

SES_StateCtrl



Specification

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

TS2.1 400 cycles
TS2.2 385 cycles
TS2.3 363 cycles
TS2.4 386 cycles
TS2.5 386 cycles
TS2.5 386 cycles
TS2.6 362 cycles
TS2.7 227 cycles
TS2.9 226 cycles
TS2.9 226 cycles
TS2.10 225 cycles
TS2.11 250 cycles
TS2.11 250 cycles
TS2.12 248 cycles
TS2.12 248 cycles
TS2.13 225 cycles
TS2.14 248 cycles
TS2.15 260 cycles
TS2.17 48 cycles
TS2.17 48 cycles
TS2.17 48 cycles
TS2.18 48 cycles
TS2.19 225 cycles
TS2.20 48 cycles
TS2.10 225 cycles
TS2.21 84 cycles
TS2.21 84 cycles
TS2.22 46 cycles
TS2.23 261 cycles
TS2.23 261 cycles
TS2.23 261 cycles
TS2.23 261 cycles
TS2.24 48 cycles
TS2.25 48 cycles
TS2.27 48 cycles
TS2.27 48 cycles
TS2.28 246 cycles
TS2.29 48 cycles
TS2.30 246 cycles
TS2.30 246 cycles
TS2.31 48 cycles
TS2.33 48 cycles
TS2.34 48 cycles
TS2.35 48 cycles
TS2.37 48 cycles
TS2.37 48 cycles
TS2.38 48 cycles
TS2.39 48 cycles
TS2.31 48 cycles
TS2.32 48 cycles
TS2.34 48 cycles
TS2.35 48 cycles
TS2.36 48 cycles
TS2.37 48 cycles
TS2.38 48 cycles
TS2.39 48 cycles
TS2.39 48 cycles
TS2.40 48 cycles
TS2.41 248 cycles
TS2.42 248 cycles
TS2.43 225 cycles
TS2.44 248 cycles
TS2.45 403 cycles
TS2.47 264 cycles
TS2.48 227 cycles
TS2.49 225 cycles
TS2.50 227 cycles
TS2.51 384 cycles
TS2.53 384 cycles
TS2.53 384 cycles
TS2.53 384 cycles
TS2.54 59 cycles
TS2.55 48 cycles





Description Vector Description

TS2.1FiltHwTrq_HwNm_T_f32 min TS2.2FiltHwTrq_HwNm_T_f32 max TS2.3FiltHwTrq_HwNm_T_f32 zero TS2.4FiltHwTrq_HwNm_T_f32 pos TS2.5FiltHwTrq_HwNm_T_f32 neg TS2.6LimitPosition1_HwDeg_T_f32 min TS2.7LimitPosition1_HwDeg_T_f32 max TS2.8LimitPosition1_HwDeg_T_f32 zero TS2.9LimitPosition1_HwDeg_T_j32_zero
TS2.9LimitPosition1_HwDeg_T_f32_neg
TS2.10LimitPosition1_HwDeg_T_f32_pos
TS2.11HandWheelPos5_HwDeg_T_f32_min
TS2.12HandWheelPos5_HwDeg_T_f32_max
TS2.13HandWheelPos5_HwDeg_T_f32_zero
TS2.14HandWheelPos5_HwDeg_T_f32_neg TS2.14HandWheelPos5_HwDeg_T_f32 neg
TS2.15HandWheelPos5_HwDeg_T_f32 pos
TS2.16HandWheelAuth1_Uls_T_f32 min
TS2.16HandWheelAuth1_Uls_T_f32 min
TS2.17HandWheelAuth1_Uls_T_f32 max
TS2.18HandWheelAuth1_Uls_T_f32 pos
TS2.19VehicleSpeed2_Kph_T_f32 min
TS2.20VehicleSpeed2_Kph_T_f32 max
TS2.21VehicleSpeed2_Kph_T_f32 pos
TS2.22EOTDet_Cnt_T_lgc min
TS2.23EOTDet_Cnt_T_lgc max
TS2.24EOTDisable_Cnt_T_lgc min
TS2.25EOTDisable_Cnt_T_lgc max
TS2.26SESState_Uls_M_enum = 0
TS2.27SESState_Uls_M_enum = 1
TS2.28SESState_Uls_M_enum = 2 TS2.28SESState_Uls_M_enum = 2 TS2.29SESState_UIs_M_enum = 3
TS2.30k_EOTDynConf_UIs_u8p8 min
TS2.31k_EOTDynConf_UIs_u8p8 max TS2.32k_EOTDynConf_Uls_u8p8 mid/default TS2.33k_EOTImpSpdEn_Kph_u9p7 min TS2.34k_EOTImpSpdEn_Kph_u9p7 max TS2.35k_EOTImpSpdEn_Kph_u9p7 mid/default TS2.36t2_EOTPosDepDmpTblX_HwDeg_u12p4[2] min TS2.37t2_EOTPosDepDmpTblX_HwDeg_u12p4[2] max TS2.38t2_EOTPosDepDmpTblX_HwDeg_u12p4[2] mid TS2.39t2_EOTEnterGainX1_HwDeg_u12p4[4]min TS2.40t2_EOTEnterGainX1_HwDeg_u12p4[4] max TS2.41t2_EOTEnterGainX1_HwDeg_u12p4[4] mid TS2.42t_EOTEnterGainVspd_Kph_u9p7[4] min TS2.43t_EOTEnterGainVspd_Kph_u9p7[4] max TS2.44t_EOTEnterGainVspd_Kph_u9p7[4] mid TS2.45k_EOTDeltaTrqThrsh_HwNm_u9p7 min/default TS2.46k_EOTDeltaTrqThrsh_HwNm_u9p7 max TS2.47k_EOTDeltaTrqThrsh_HwNm_u9p7 mid TS2.48EOTActuatorMng_OutputRampMultLtd_M_f32 = Min TS2.49EOTActuatorMng_OutputRampMultLtd_M_f32 = Max TS2.50EOTActuatorMng_OutputRampMultLtd_M_f32 = Mid TS2.51k_EOTActiveRegionBypassMaxThresh_UIs_f32 = Min/default TS2.52k_EOTActiveRegionBypassMaxThresh_UIs_f32 = Max TS2.53k_EOTActiveRegionBypassMaxThresh_UIs_f32 = Mid TS2.54AII min TS2 55All max

Name	Input Value
EOTActuatorMng OutputRampMultLtd M f32	0.284999996
EOTActuatorMng SESState Uls M enum	SES ENTERING
EOTDet Cnt T Igc	1
EOTDisable Cnt T Iqc	0
FiltHwTrq HwNm T f32	-10
HandWheelAuth Uls T f32	0.89999976
HandWheelPos HwDeg T f32	1200.44995
imitPosition HwDeg T f32	1100.02002
/ehicleSpeed Kph T f32	40.3470001
EOTActiveRegionBypassMaxThresh Uls f32	0.9900001
EOTActiveRegionBypassimaxTrilesit_Ois_i32	1152
EOTDella Hqffilisti_Hwikiti_usp/	26
EOTIMpSpdEn Kph u9p7	5376
_EOTIMpspuEn_kpn_uspr 2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
2_EOTEINEIGainX_HwDeg_u12p4[0][0] 2_EOTEINEIGainX_HwDeg_u12p4[0][1]	80
2_EOTEItlerGainX_nwbeg_u12p4[0][1] 2_EOTEItlerGainX_Hwbeg_u12p4[0][2]	176
2_EOTEnterGainX_HwDeg_u12p4[0][2]	320
2_EOTEINEIGainX_nwbeg_u12p4[0][0] 2_EOTEINEIGainX_Hwbeg_u12p4[1][0]	480
	1424
2_EOTEnterGainX_HwDeg_u12p4[1][1] 2 EOTEnterGainX HwDeg u12p4[1][2]	1424
	1456
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1120
2_EOTEnterGainX_HwDeg_u12p4[2][0]	3344
2_EOTEnterGainX_HwDeg_u12p4[2][1]	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3360 3376
2_EOTEnterGainX_HwDeg_u12p4[2][3]	1760
2_EOTEnterGainX_HwDeg_u12p4[3][0] 2_EOTEnterGainX_HwDeg_u12p4[3][1]	5264

EOTActuatorMng_SESState_Uls_M_enum

SES_StateCtrl

2015-06-29, 18:23:06+0530



Input Value t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5280 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5296 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 16 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 80 448 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1120 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 640 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]$ 1024 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]$ 4016 t_EOTEnterGainVspd_Kph_u9p7[0] 2560 7552 t_EOTEnterGainVspd_Kph_u9p7[1] t_EOTEnterGainVspd_Kph_u9p7[2] 7680 t_EOTEnterGainVspd_Kph_u9p7[3] 7808 **Actual Value Expected Value** Result

SES_EXITING

SES_EXITING

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.699000001		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	10		
HandWheelAuth_Uls_T_f32	0.94999988		
HandWheelPos_HwDeg_T_f32	1250.31995		
LimitPosition_HwDeg_T_f32	-1200.05005		
VehicleSpeed_Kph_T_f32	30.3540001		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.677999973		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280		
k_EOTDynConf_Uls_u8p8	51		
k_EOTImpSpdEn_Kph_u9p7	5504		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320		
t2 EOTEnterGainX HwDeg u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	496		
t2 EOTEnterGainX HwDeg u12p4[1][1]	1472		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1488		
t2 EOTEnterGainX HwDeg u12p4[1][3]	1504		
t2 EOTEnterGainX HwDeg u12p4[2][0]	1136		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3392		
t2 EOTEnterGainX HwDeg u12p4[2][2]	3408		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3424		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1776		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5312		
t2 EOTEnterGainX HwDeg u12p4[3][2]	5328		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5344		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][0]	48		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	96		
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1136		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	656		
t2 EOTPosDepDmpTblX HwDeg u12p4[2][1]	1040		
t2 EOTPosDepDmpTblX HwDeg u12p4[3][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4032		
t_EOTEnterGainVspd_Kph_u9p7[0]	2688		
t_EOTEnterGainVspd_Kph_u9p7[1]	7936		
t_EOTEnterGainVspd_Kph_u9p7[2]	8064		
t_EOTEnterGainVspd_Kph_u9p7[3]	8192		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.883000016
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1

2015-06-29, 18:23:06+0530



Name	Input Value		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	0		
HandWheelAuth_Uls_T_f32	0.839999974		
HandWheelPos_HwDeg_T_f32	1155.84998		
LimitPosition_HwDeg_T_f32	1200.35999		
VehicleSpeed_Kph_T_f32	36.1500015		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.633000016		
k_EOTDeltaTrqThrsh_HwNm_u9p7	896		
k_EOTDynConf_Uls_u8p8	102		
k_EOTImpSpdEn_Kph_u9p7	5632		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	512		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1520		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1536		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1552		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1152		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3440		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3456		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3472		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1792		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5360		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5376		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5392		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	512		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1152		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4048		
t_EOTEnterGainVspd_Kph_u9p7[0]	2816		
t_EOTEnterGainVspd_Kph_u9p7[1]	8320		
t_EOTEnterGainVspd_Kph_u9p7[2]	8448		
t_EOTEnterGainVspd_Kph_u9p7[3]	8576		
Name	Actual Value	Expected Value	Result
Name	Actual Value	Expedica falae	

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.716000021
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	5.0999999
HandWheelAuth_Uls_T_f32	0.850000024
HandWheelPos_HwDeg_T_f32	1150.70996
LimitPosition_HwDeg_T_f32	1000.53998
VehicleSpeed_Kph_T_f32	39.7859993
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.284000009
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
k_EOTDynConf_Uls_u8p8	154
k_EOTImpSpdEn_Kph_u9p7	5760
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1600
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1760
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1920
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	528
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1568
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1584
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1600
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1168
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3488
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3504
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3520
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1808
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5408
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5424

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	544		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1168		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4064		
t_EOTEnterGainVspd_Kph_u9p7[0]	2944		
t_EOTEnterGainVspd_Kph_u9p7[1]	8704		
t_EOTEnterGainVspd_Kph_u9p7[2]	8832		
t_EOTEnterGainVspd_Kph_u9p7[3]	8960		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	•

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.949999988		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-5.0999999		
HandWheelAuth_UIs_T_f32	0.860000014		
HandWheelPos_HwDeg_T_f32	1300.31995		
LimitPosition_HwDeg_T_f32	1300.78003		
VehicleSpeed_Kph_T_f32	41.6139984		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.81099999		
k_EOTDeltaTrqThrsh_HwNm_u9p7	640		
k_EOTDynConf_Uls_u8p8	77		
k_EOTImpSpdEn_Kph_u9p7	5888		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	544		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1616		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1632		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1648		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1184		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3536		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3552		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3568		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1824		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5456		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5472		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	576		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4080		
t_EOTEnterGainVspd_Kph_u9p7[0]	3072		
t_EOTEnterGainVspd_Kph_u9p7[1]	9088		
t_EOTEnterGainVspd_Kph_u9p7[2]	9216		
t_EOTEnterGainVspd_Kph_u9p7[3]	9344		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~

Test Step 2.6 (Repeat Count = 1)		√
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.616999984	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	

2015-06-29, 18:23:06+0530



Name	Input Value		
FiltHwTrq_HwNm_T_f32	1.21000004		
HandWheelAuth_Uls_T_f32	0.89999976		
HandWheelPos_HwDeg_T_f32	150.610001		
LimitPosition_HwDeg_T_f32	-1440.10999		
VehicleSpeed_Kph_T_f32	28.9740009		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.344000012		
k_EOTDeltaTrqThrsh_HwNm_u9p7	512		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	6016		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	336		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	656		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	560		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1664		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1680		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1696		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1200		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3584		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3600		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3616		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1840		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5504		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5520		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5536		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	128		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	608		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1200		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4096		
t_EOTEnterGainVspd_Kph_u9p7[0]	3200		
t_EOTEnterGainVspd_Kph_u9p7[1]	9472		
t_EOTEnterGainVspd_Kph_u9p7[2]	9600		
t_EOTEnterGainVspd_Kph_u9p7[3]	9728		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	-

Test Step 2.7 (Repeat Count = 1)	v v
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.245000005
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-1.53999996
HandWheelAuth_Uls_T_f32	0.88999986
HandWheelPos_HwDeg_T_f32	-250.279999
LimitPosition_HwDeg_T_f32	1440.10999
VehicleSpeed_Kph_T_f32	12.1540003
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.660000026
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	128
k_EOTImpSpdEn_Kph_u9p7	6144
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1152
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1296
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	576
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1712
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1728
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1744
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1216
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3632
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3648
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3664
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1856
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5552
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5568
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5584

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	176		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1216		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4112		
t_EOTEnterGainVspd_Kph_u9p7[0]	3328		
t_EOTEnterGainVspd_Kph_u9p7[1]	9856		
t_EOTEnterGainVspd_Kph_u9p7[2]	9984		
t_EOTEnterGainVspd_Kph_u9p7[3]	10112		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.853999972		
EOTActuatorMng SESState Uls M enum	SES ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrg HwNm T f32	2.8499999		
HandWheelAuth Uls T f32	0.87999995		
HandWheelPos HwDeg T f32	250.740005		
LimitPosition_HwDeg_T_f32	0		
VehicleSpeed Kph T f32	16.0540009		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.734000027		
k_EOTDeltaTrqThrsh_HwNm_u9p7	256		
k_EOTDynConf_Uls_u8p8	26		
k_EOTImpSpdEn_Kph_u9p7	6272		
t2 EOTEnterGainX HwDeg u12p4[0][0]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1632		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1776		
t2 EOTEnterGainX HwDeg u12p4[0][3]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	592		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1760		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1776		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1792		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1232		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3680		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3696		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3712		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1872		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5616		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5632		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	96		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4128		
t_EOTEnterGainVspd_Kph_u9p7[0]	3456		
t_EOTEnterGainVspd_Kph_u9p7[1]	10240		
t_EOTEnterGainVspd_Kph_u9p7[2]	10368		
t_EOTEnterGainVspd_Kph_u9p7[3]	10496		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	~

Test Step 2.9 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.204999998	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	-2.3599999	

2015-06-29, 18:23:06+0530



Name	Input Value		
HandWheelAuth_Uls_T_f32	0.870000005		
HandWheelPos_HwDeg_T_f32	-350.609985		
LimitPosition_HwDeg_T_f32	-1000.09998		
VehicleSpeed_Kph_T_f32	18.1560001		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0939999968		
k_EOTDeltaTrqThrsh_HwNm_u9p7	128		
k_EOTDynConf_Uls_u8p8	51		
k_EOTImpSpdEn_Kph_u9p7	6400		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	64		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	368		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	608		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1808		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1824		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1840		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1248		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3728		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3744		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3760		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1888		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5648		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5664		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5680		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	208		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1152		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4144		
t_EOTEnterGainVspd_Kph_u9p7[0]	3584		
t_EOTEnterGainVspd_Kph_u9p7[1]	10624		
t_EOTEnterGainVspd_Kph_u9p7[2]	10752		
t_EOTEnterGainVspd_Kph_u9p7[3]	10880		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	-

Test Step 2.10 (Repeat Count = 1)	v de la companya de
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.388999999
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	3.45000005
HandWheelAuth_Uls_T_f32	0.850000024
HandWheelPos_HwDeg_T_f32	350.970001
LimitPosition_HwDeg_T_f32	1000.09998
VehicleSpeed_Kph_T_f32	22.7579994
k_EOTActiveRegionBypassMaxThresh_UIs_f32	0.075000003
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	77
k_EOTImpSpdEn_Kph_u9p7	6528
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	352
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	720
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	624
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1856
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1872
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1888
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1264
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3776
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3792
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3808
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1904
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5696
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5712
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5728
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1264		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1168		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4160		
t_EOTEnterGainVspd_Kph_u9p7[0]	3712		
t_EOTEnterGainVspd_Kph_u9p7[1]	11008		
t_EOTEnterGainVspd_Kph_u9p7[2]	11136		
t_EOTEnterGainVspd_Kph_u9p7[3]	11264		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.157000005		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-3.1500001		
HandWheelAuth_Uls_T_f32	0.959999979		
HandWheelPos_HwDeg_T_f32	-1440.10999		
LimitPosition_HwDeg_T_f32	-1100.84998		
VehicleSpeed_Kph_T_f32	27.0450001		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.595000029		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024		
k_EOTDynConf_Uls_u8p8	230		
k_EOTImpSpdEn_Kph_u9p7	6656		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	640		
t2 EOTEnterGainX HwDeg u12p4[1][1]	1904		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1920		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1936		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3824		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3840		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3856		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1920		
t2 EOTEnterGainX HwDeg u12p4[3][1]	5744		
t2 EOTEnterGainX HwDeg u12p4[3][2]	5760		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5776		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	240		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4176		
t_EOTEnterGainVspd_Kph_u9p7[0]	3840		
t_EOTEnterGainVspd_Kph_u9p7[1]	11392		
t_EOTEnterGainVspd_Kph_u9p7[2]	11520		
t_EOTEnterGainVspd_Kph_u9p7[3]	11648		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES NORMAL	✓ ×
		1	

Test Step 2.12 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.321999997
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	4.98000002
HandWheelAuth_Uls_T_f32	0.970000029

t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]

 $t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]$

t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]

t_EOTEnterGainVspd_Kph_u9p7[0]

t_EOTEnterGainVspd_Kph_u9p7[1] t_EOTEnterGainVspd_Kph_u9p7[2]

t_EOTEnterGainVspd_Kph_u9p7[3]

EOTActuatorMng_SESState_Uls_M_enum

SES StateCtrl

2015-06-29, 18:23:06+0530



Input Value HandWheelPos_HwDeg_T_f32 1440.10999 LimitPosition_HwDeg_T_f32 900.450012 VehicleSpeed_Kph_T_f32 11.0539999 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.0869999975 k EOTDeltaTrqThrsh_HwNm_u9p7 896 k_EOTDynConf_Uls_u8p8 246 k_EOTImpSpdEn_Kph_u9p7 6784 1440 t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1920 1760 t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] 2000 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 656 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1952 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1968 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1984 1296 t2_EOTEnterGainX_HwDeg_u12p4[2][0] $t2_EOTEnterGainX_HwDeg_u12p4[2][1]$ 3872 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3888 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3904 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1936 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5792 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5808 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5824 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 32 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 256 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1296 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 816

1200

816

4192

3968 11776

11904

12032 Actual Value

SES ENTERING

Expected Value

SES ENTERING

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.247999996
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-4.71999979
HandWheelAuth_Uls_T_f32	0.949999988
HandWheelPos_HwDeg_T_f32	0
LimitPosition_HwDeg_T_f32	-900.390015
VehicleSpeed_Kph_T_f32	14.1269999
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.00899999961
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
k_EOTDynConf_Uls_u8p8	236
k_EOTImpSpdEn_Kph_u9p7	6912
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	80
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	320
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	672
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2000
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2016
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2032
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1312
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3920
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3936
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3952
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1952
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5840
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5856
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5872
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	16
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	272

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1216		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4208		
t_EOTEnterGainVspd_Kph_u9p7[0]	4096		
t_EOTEnterGainVspd_Kph_u9p7[1]	12160		
t_EOTEnterGainVspd_Kph_u9p7[2]	12288		
t_EOTEnterGainVspd_Kph_u9p7[3]	12416		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Name	Input Value		
TOTA :	iliput value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.643999994		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	6.25		
HandWheelAuth_Uls_T_f32	0.980000019		
HandWheelPos_HwDeg_T_f32	-900.099976		
LimitPosition_HwDeg_T_f32	800.469971		
VehicleSpeed_Kph_T_f32	15.0539999		
k_EOTActiveRegionBypassMaxThresh_UIs_f32	0.395999998		
k_EOTDeltaTrqThrsh_HwNm_u9p7	640		
k_EOTDynConf_Uls_u8p8	233		
k_EOTImpSpdEn_Kph_u9p7	7040		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	352		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	704		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	688		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2048		
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2064		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1328		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3968		
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3984		
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4000		
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1968		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5888		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5904		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864		
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1328		
12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	848		
12_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1232		
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4224		
t_EOTEnterGainVspd_Kph_u9p7[0]	4224		
t_EOTEnterGainVspd_Kph_u9p7[1]	12544		
t_EOTEnterGainVspd_Kph_u9p7[2]	12672		
t_EOTEnterGainVspd_Kph_u9p7[3]	12800		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING	SES ENTERING	11000

Test Step 2.15 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.688000023	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	-6.15999985	
HandWheelAuth_Uls_T_f32	0.910000026	
HandWheelPos_HwDeg_T_f32	900.099976	

2015-06-29, 18:23:06+0530



Name	Input Value		
LimitPosition_HwDeg_T_f32	-800.450012		
VehicleSpeed_Kph_T_f32	16.0340004		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.331		
k_EOTDeltaTrqThrsh_HwNm_u9p7	512		
k_EOTDynConf_Uls_u8p8	230		
k_EOTImpSpdEn_Kph_u9p7	7168		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	704		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2096		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2112		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2128		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1344		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4016		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4032		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4048		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1984		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5936		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5952		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5968		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4240		
t_EOTEnterGainVspd_Kph_u9p7[0]	4352		
t_EOTEnterGainVspd_Kph_u9p7[1]	12928		
t_EOTEnterGainVspd_Kph_u9p7[2]	13056		
t_EOTEnterGainVspd_Kph_u9p7[3]	13184		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	✓

Test Step 2.16 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.177000001
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	0
EOTDisable_Cnt_T_lgc	1
FiltHwTrq_HwNm_T_f32	7.88999987
HandWheelAuth_Uls_T_f32	0
HandWheelPos_HwDeg_T_f32	400.809998
LimitPosition_HwDeg_T_f32	700.869995
VehicleSpeed_Kph_T_f32	18.0473003
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0540000014
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	32000
k_EOTImpSpdEn_Kph_u9p7	7296
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1760
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2000
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	720
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2144
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2160
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2176
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1360
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4064
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4080
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4096
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2000
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5984
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6000
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6016
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	128
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1264		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4256		
t_EOTEnterGainVspd_Kph_u9p7[0]	4480		
t_EOTEnterGainVspd_Kph_u9p7[1]	13312		
t_EOTEnterGainVspd_Kph_u9p7[2]	13440		
t_EOTEnterGainVspd_Kph_u9p7[3]	13568		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.014000004		
EOTActuatorMng SESState Uls M enum	SES NORMAL		
EOTDet Cnt T Igc	0		
EOTDisable Cnt T Igc	1		
FiltHwTrg HwNm T f32	-7.86999989		
HandWheelAuth Uls T f32	1		
HandWheelPos HwDeg T f32	422.070007		
LimitPosition HwDeg T f32	-700.23999		
VehicleSpeed Kph T f32	20.5639992		
k EOTActiveRegionBypassMaxThresh Uls f32	0.38899999		
k EOTDeltaTrqThrsh HwNm u9p7	256		
k EOTDynConf Uls u8p8	51200		
k EOTImpSpdEn Kph u9p7	7424		
t2 EOTEnterGainX HwDeg u12p4[0][0]	0		
t2 EOTEnterGainX HwDeg u12p4[0][1]	80		
t2 EOTEnterGainX HwDeg u12p4[0][2]	160		
t2 EOTEnterGainX HwDeg u12p4[0][3]	320		
t2 EOTEnterGainX HwDeg u12p4[1][0]	736		
t2 EOTEnterGainX HwDeg u12p4[1][1]	2192		
t2 EOTEnterGainX HwDeg u12p4[1][2]	2208		
t2 EOTEnterGainX HwDeg u12p4[1][3]	2224		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1376		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4112		
t2 EOTEnterGainX HwDeg u12p4[2][2]	4128		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4144		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2016		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6032		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6048		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6064		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1376		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4272		
t_EOTEnterGainVspd_Kph_u9p7[0]	4608		
t_EOTEnterGainVspd_Kph_u9p7[1]	13696		
t_EOTEnterGainVspd_Kph_u9p7[2]	13824		
t_EOTEnterGainVspd_Kph_u9p7[3]	13952		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	· · · · · · · · · · · · · · · · · · ·

Test Step 2.18 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.577000022	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	8.64999962	
HandWheelAuth_Uls_T_f32	0.823400021	
HandWheelPos_HwDeg_T_f32	555.340027	
LimitPosition_HwDeg_T_f32	600.150024	

2015-06-29, 18:23:06+0530



Name	Input Value		
VehicleSpeed_Kph_T_f32	25.4990005		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.995000005		
k_EOTDeltaTrqThrsh_HwNm_u9p7	128		
k_EOTDynConf_Uls_u8p8	3072		
k_EOTImpSpdEn_Kph_u9p7	7552		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	192		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	352		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	672		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	752		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2240		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2256		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2272		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1392		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4160		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4176		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4192		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2032		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6080		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6096		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6112		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	96		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1392		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	912		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1296		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4288		
t_EOTEnterGainVspd_Kph_u9p7[0]	4736		
t_EOTEnterGainVspd_Kph_u9p7[1]	14080		
t_EOTEnterGainVspd_Kph_u9p7[2]	14208		
t_EOTEnterGainVspd_Kph_u9p7[3]	14336		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
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Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng OutputRampMultLtd M f32	0.839999974
EOTActuatorMng SESState Uls M enum	SES NORMAL
EOTDet Cnt T lgc	1
EOTDisable Cnt T lgc	0
FiltHwTrq_HwNm_T_f32	-8.36999989
HandWheelAuth_Uls_T_f32	0.899999976
HandWheelPos_HwDeg_T_f32	578.140015
LimitPosition_HwDeg_T_f32	-600.869995
VehicleSpeed_Kph_T_f32	0
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.20999993
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	223
k_EOTImpSpdEn_Kph_u9p7	7680
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	832
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1008
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1184
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1360
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	768
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2288
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2304
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2320
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1408
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4208
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4224
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4240
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2048
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6128
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6144
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	80
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	368
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1408

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4304		
t_EOTEnterGainVspd_Kph_u9p7[0]	4864		
t_EOTEnterGainVspd_Kph_u9p7[1]	14464		
t_EOTEnterGainVspd_Kph_u9p7[2]	14592		
t_EOTEnterGainVspd_Kph_u9p7[3]	14720		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	✓

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.697000027		
EOTActuatorMng SESState Uls M enum	SES ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable Cnt T lgc	0		
FiltHwTrq HwNm T f32	9.18000031		
HandWheelAuth_Uls_T_f32	0.910000026		
HandWheelPos HwDeg T f32	666.054016		
LimitPosition HwDeg T f32	500.980011		
VehicleSpeed Kph T f32	511.992188		
k EOTActiveRegionBypassMaxThresh Uls f32	0.86500001		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024		
k EOTDynConf Uls u8p8	25600		
k_EOTImpSpdEn_Kph_u9p7	7808		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1456		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1664		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1888		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2032		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	784		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2336		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2352		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2368		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1424		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4256		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4272		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4288		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2064		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6176		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6192		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6208		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	64		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	944		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1328		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4320		
t_EOTEnterGainVspd_Kph_u9p7[0]	4992		
t_EOTEnterGainVspd_Kph_u9p7[1]	14848		
t_EOTEnterGainVspd_Kph_u9p7[2]	14976		
t_EOTEnterGainVspd_Kph_u9p7[3]	15104		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓

Test Step 2.21 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.99000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	-9.67000008	
HandWheelAuth_Uls_T_f32	0.920000017	
HandWheelPos_HwDeg_T_f32	694.370972	
LimitPosition_HwDeg_T_f32	-500.450012	
VehicleSpeed_Kph_T_f32	24.1000004	

2015-06-29, 18:23:06+0530



Name	Input Value		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0430000015		
k_EOTDeltaTrqThrsh_HwNm_u9p7	896		
k_EOTDynConf_Uls_u8p8	233		
k_EOTImpSpdEn_Kph_u9p7	7936		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	192		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2384		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2416		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4304		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4320		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4336		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6224		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6240		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4336		
t_EOTEnterGainVspd_Kph_u9p7[0]	5120		
t_EOTEnterGainVspd_Kph_u9p7[1]	15232		
t_EOTEnterGainVspd_Kph_u9p7[2]	15360		
t_EOTEnterGainVspd_Kph_u9p7[3]	15488		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES EXITING	SES EXITING	

Test Step 2.22 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.748000026
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	0
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	6.94000006
HandWheelAuth_Uls_T_f32	0.980000019
HandWheelPos_HwDeg_T_f32	-900.064026
LimitPosition_HwDeg_T_f32	800.280029
VehicleSpeed_Kph_T_f32	15.3540001
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69599998
k_EOTDeltaTrqThrsh_HwNm_u9p7	640
k_EOTDynConf_Uls_u8p8	233
k_EOTImpSpdEn_Kph_u9p7	7040
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	352
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	704
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	688
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2048
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2064
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2080
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1328
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3968
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3984
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1968
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5888
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5904
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5920
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	288
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1328
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	848

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1232		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	896		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	4224		
t_EOTEnterGainVspd_Kph_u9p7[0]	4224		
t_EOTEnterGainVspd_Kph_u9p7[1]	12544		
t_EOTEnterGainVspd_Kph_u9p7[2]	12672		
t_EOTEnterGainVspd_Kph_u9p7[3]	12800		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.769999981		
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL		
EOTDet Cnt T Igc	1		
EOTDisable Cnt T lgc	0		
FiltHwTrq HwNm T f32	-6.17999983		
HandWheelAuth Uls T f32	0.910000026		
HandWheelPos_HwDeg_T_f32	900.036987		
LimitPosition_HwDeg_T_f32	-800.469971		
VehicleSpeed_Kph_T_f32	16.6539993		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.61500001		
k_EOTDeltaTrqThrsh_HwNm_u9p7	512		
k_EOTDynConf_Uls_u8p8	230		
k_EOTImpSpdEn_Kph_u9p7	7168		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	704		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2096		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2112		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2128		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1344		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4016		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4032		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4048		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1984		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5936		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5952		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5968		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4240		
t_EOTEnterGainVspd_Kph_u9p7[0]	4352		
t_EOTEnterGainVspd_Kph_u9p7[1]	12928		
t_EOTEnterGainVspd_Kph_u9p7[2]	13056		
t_EOTEnterGainVspd_Kph_u9p7[3]	13184		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~

Test Step 2.24 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.832000017	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	2.5	
HandWheelAuth_Uls_T_f32	0.949999988	
HandWheelPos_HwDeg_T_f32	333.414001	
LimitPosition_HwDeg_T_f32	300.829987	
VehicleSpeed_Kph_T_f32	27.4580002	
k EOTActiveRegionBypassMaxThresh Uls f32	0.20000003	

SES_StateCtrl

t_EOTEnterGainVspd_Kph_u9p7[1]

t_EOTEnterGainVspd_Kph_u9p7[2]

t_EOTEnterGainVspd_Kph_u9p7[3]

EOTActuatorMng_SESState_Uls_M_enum

2015-06-29, 18:23:06+0530



Input Value k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 51200 k_EOTImpSpdEn_Kph_u9p7 8320 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1456 t2 EOTEnterGainX_HwDeg_u12p4[0][1] 1616 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1840 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 2048 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 848 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 2528 2544 t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] 2560 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1488 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 4448 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 4464 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 4480 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 2128 $t2_EOTEnterGainX_HwDeg_u12p4[3][1]$ 6368 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 6384 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 6400 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 48 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]$ 240 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 928 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 4240 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1056 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1440 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3376 t_EOTEnterGainVspd_Kph_u9p7[0] 5504

16384

16512

16640 Actual Value

SES_DISABLED

Expected Value

SES_DISABLED

Test Step 2.25 (Repeat Count = 1)		√
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.275000006	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	1	
FiltHwTrq_HwNm_T_f32	-2.5	
HandWheelAuth_Uls_T_f32	0.899999976	
HandWheelPos_HwDeg_T_f32	444.816986	
LimitPosition_HwDeg_T_f32	-300.290009	
VehicleSpeed_Kph_T_f32	25.5400009	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.372000009	
k_EOTDeltaTrqThrsh_HwNm_u9p7	384	
k_EOTDynConf_Uls_u8p8	21504	
k_EOTImpSpdEn_Kph_u9p7	8448	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1504	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4496	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4512	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4528	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	864	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2576	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2592	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2608	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1504	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4496	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4512	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4528	
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2144	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6416	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6432	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6448	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	32	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	256	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4256	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1072	

1456

t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	192		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3392		
t_EOTEnterGainVspd_Kph_u9p7[0]	5632		
t_EOTEnterGainVspd_Kph_u9p7[1]	16768		
t_EOTEnterGainVspd_Kph_u9p7[2]	16896		
t_EOTEnterGainVspd_Kph_u9p7[3]	17024		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.331		
EOTActuatorMng SESState UIs M enum	SES DISABLED		
EOTDet_Cnt_T_lgc	1		
EOTDisable Cnt T lgc	1		
FiltHwTrq_HwNm_T_f32	-2		
HandWheelAuth Uls T f32	0.870000005		
HandWheelPos_HwDeg_T_f32	-350.200989		
LimitPosition HwDeg T f32	-1000.03998		
VehicleSpeed_Kph_T_f32	18.8899994		
k EOTActiveRegionBypassMaxThresh Uls f32	0.465000004		
k EOTDeltaTrqThrsh HwNm u9p7	128		
k EOTDynConf Uls u8p8	3072		
k_EOTImpSpdEn_Kph_u9p7	6400		
t2 EOTEnterGainX HwDeg u12p4[0][0]	1520		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4544		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4560		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4576		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	880		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2624		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2640		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2656		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1520		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4544		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4560		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4576		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2160		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6464		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6480		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6496		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	16		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4272		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3408		
t_EOTEnterGainVspd_Kph_u9p7[0]	5760		
t_EOTEnterGainVspd_Kph_u9p7[1]	17152		
t_EOTEnterGainVspd_Kph_u9p7[2]	17280		
t_EOTEnterGainVspd_Kph_u9p7[3]	17408		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.27 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.666000009	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	0	
EOTDisable_Cnt_T_lgc	1	
FiltHwTrq_HwNm_T_f32	9.5	
HandWheelAuth_Uls_T_f32	0.879999995	
HandWheelPos_HwDeg_T_f32	-333.51001	
LimitPosition_HwDeg_T_f32	777.653992	
VehicleSpeed_Kph_T_f32	14.8959999	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.99000001	
k_EOTDeltaTrqThrsh_HwNm_u9p7	512	

2015-06-29, 18:23:06+0530



Name	Input Value		
k EOTDynConf Uls u8p8	9216		
k EOTImpSpdEn Kph u9p7	4736		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1536		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4592		
t2 EOTEnterGainX HwDeg u12p4[0][2]	4608		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4624		
t2 EOTEnterGainX HwDeg u12p4[1][0]	896		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2672		
t2 EOTEnterGainX HwDeg u12p4[1][2]	2688		
t2 EOTEnterGainX HwDeg u12p4[1][3]	2704		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1536		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4592		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4608		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4624		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2176		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6512		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6528		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6544		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	384		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1104		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3424		
t_EOTEnterGainVspd_Kph_u9p7[0]	5888		
t_EOTEnterGainVspd_Kph_u9p7[1]	17536		
t_EOTEnterGainVspd_Kph_u9p7[2]	17664		
t_EOTEnterGainVspd_Kph_u9p7[3]	17792		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.663999975
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	3.5
HandWheelAuth_Uls_T_f32	0.89999976
HandWheelPos_HwDeg_T_f32	-854.036987
LimitPosition_HwDeg_T_f32	111.650002
VehicleSpeed_Kph_T_f32	10.0564003
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.606000006
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	0
k_EOTImpSpdEn_Kph_u9p7	8576
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1552
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4640
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4656
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4672
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	912
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2720
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2736
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2752
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1552
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4640
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4656
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4672
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2192
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6560
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6576
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6592
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4304
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440		
t_EOTEnterGainVspd_Kph_u9p7[0]	6016		
t_EOTEnterGainVspd_Kph_u9p7[1]	17920		
t_EOTEnterGainVspd_Kph_u9p7[2]	18048	18048	
t_EOTEnterGainVspd_Kph_u9p7[3]	18176		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	~

Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.0489999987		
EOTActuatorMng SESState Uls M enum	SES EXITING		
EOTDet Cnt T lgc	0		
EOTDisable Cnt T lgc	1		
FiltHwTrg HwNm T f32	9.5		
HandWheelAuth Uls T f32	0.879999995		
HandWheelPos HwDeg T f32	-333.51001		
LimitPosition HwDeg T f32	777.653992		
/ehicleSpeed Kph T f32	14.8959999		
EOTActiveRegionBypassMaxThresh Uls f32	0.91900003		
EOTDeltaTrqThrsh HwNm u9p7	512		
EOTDynConf Uls u8p8	9216		
C EOTImpSpdEn Kph u9p7	4736		
2 EOTEnterGainX HwDeg u12p4[0][0]	1536		
2 EOTEnterGainX HwDeg u12p4[0][1]	4592		
2 EOTEnterGainX HwDeg u12p4[0][2]	4608		
2_EOTEnterGainX_HwDeg_u12p4[0][3]	4624		
2_EOTEnterGainX_HwDeg_u12p4[1][0]	896		
2 EOTEnterGainX HwDeg u12p4[1][1]	2672		
2 EOTEnterGainX HwDeg u12p4[1][2]	2688		
2 EOTEnterGainX HwDeg u12p4[1][3]	2704		
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1536		
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4592		
2 EOTEnterGainX HwDeg u12p4[2][2]	4608		
2 EOTEnterGainX HwDeg u12p4[2][3]	4624		
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2176		
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6512		
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6528		
2 EOTEnterGainX HwDeg u12p4[3][3]	6544		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	288		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	384		
2 EOTPosDepDmpTblX HwDeg u12p4[1][1]	4288		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1104		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1488		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	256		
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3424		
_EOTEnterGainVspd_Kph_u9p7[0]	5888		
_EOTEnterGainVspd_Kph_u9p7[1]	17536		
_EOTEnterGainVspd_Kph_u9p7[2]	17664		
_EOTEnterGainVspd_Kph_u9p7[3]	17792		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	/ /

Test Step 2.30 (Repeat Count = 1)		√
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.771000028	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	3.5	
HandWheelAuth_Uls_T_f32	0.899999976	
HandWheelPos_HwDeg_T_f32	-854.036987	
LimitPosition_HwDeg_T_f32	111.650002	
VehicleSpeed_Kph_T_f32	10.0564003	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.273000002	
k_EOTDeltaTrqThrsh_HwNm_u9p7	256	
k EOTDynConf Uls u8p8	0	

2015-06-29, 18:23:06+0530



Name	Input Value		
k_EOTImpSpdEn_Kph_u9p7	8576		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1552		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4640		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4656		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4672		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	912		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2720		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2736		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2752		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1552		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4640		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4656		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4672		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2192		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6560		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6576		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440		
t_EOTEnterGainVspd_Kph_u9p7[0]	6016		
t_EOTEnterGainVspd_Kph_u9p7[1]	17920		
t_EOTEnterGainVspd_Kph_u9p7[2]	18048		
t_EOTEnterGainVspd_Kph_u9p7[3]	18176		
Name	Actual Value	Expected Value	Result

Test Step 2.31 (Repeat Count = 1)	· ·
Name	Input Value
EOTActuatorMng OutputRampMultLtd M f32	0.0599999987
EOTActuatorMng SESState Uls M enum	SES NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-3.5
HandWheelAuth_Uls_T_f32	0.949999988
HandWheelPos_HwDeg_T_f32	999.064026
LimitPosition_HwDeg_T_f32	-111.449997
VehicleSpeed_Kph_T_f32	20.4599991
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.875999987
k_EOTDeltaTrqThrsh_HwNm_u9p7	128
k_EOTDynConf_Uls_u8p8	65535
k_EOTImpSpdEn_Kph_u9p7	8704
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1568
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4688
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4704
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4720
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	928
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2768
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2784
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2800
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1568
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4688
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4704
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4720
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2208
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6608
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6624
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2656
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1280
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	736
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3456

2015-06-29, 18:23:06+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[0]	6144		
t_EOTEnterGainVspd_Kph_u9p7[1]	18304		
t_EOTEnterGainVspd_Kph_u9p7[2]	18432		
t_EOTEnterGainVspd_Kph_u9p7[3]	18560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.291000009		
EOTActuatorMng SESState Uls M enum	SES ENTERING		
EOTDet Cnt T Igc	0		
EOTDisable Cnt T lgc	1		
FiltHwTrg HwNm T f32	4.5		
HandWheelAuth Uls T f32	0.839999974		
HandWheelPos HwDeg T f32	-888.070984		
LimitPosition HwDeg T f32	222.654007		
VehicleSpeed Kph T f32	5.01499987		
k EOTActiveRegionBypassMaxThresh Uls f32	0.349000007		
k EOTDeltaTrqThrsh HwNm u9p7	1152		
k EOTDynConf Uls u8p8	205		
k EOTImpSpdEn Kph u9p7	8832		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1584		
t2 EOTEnterGainX HwDeg u12p4[0][1]	4736		
t2 EOTEnterGainX HwDeg u12p4[0][2]	4752		
t2 EOTEnterGainX HwDeg u12p4[0][3]	4768		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	944		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2816		
t2 EOTEnterGainX HwDeg u12p4[1][2]	2832		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2848		
t2 EOTEnterGainX HwDeg u12p4[2][0]	1584		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4736		
t2 EOTEnterGainX HwDeg u12p4[2][2]	4752		
t2 EOTEnterGainX HwDeg u12p4[2][3]	4768		
t2 EOTEnterGainX HwDeg u12p4[3][0]	2224		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6656		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6672		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	2672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	4336		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1312		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3472		
t_EOTEnterGainVspd_Kph_u9p7[0]	6272		
t_EOTEnterGainVspd_Kph_u9p7[1]	18688		
t_EOTEnterGainVspd_Kph_u9p7[2]	18816		
t_EOTEnterGainVspd_Kph_u9p7[3]	18944		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	~

Test Step 2.33 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.218999997	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	-4.5	
HandWheelAuth_Uls_T_f32	0.850000024	
HandWheelPos_HwDeg_T_f32	888.034973	
LimitPosition_HwDeg_T_f32	-222.354996	
VehicleSpeed_Kph_T_f32	15.1560001	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.388000011	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024	
k_EOTDynConf_Uls_u8p8	21760	
k_EOTImpSpdEn_Kph_u9p7	0	

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4784		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4816		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	960		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2864		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2880		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2896		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4784		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4816		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2240		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6704		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6720		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6736		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	336		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	4480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760		
t_EOTEnterGainVspd_Kph_u9p7[0]	6400		
t_EOTEnterGainVspd_Kph_u9p7[1]	19072		
t_EOTEnterGainVspd_Kph_u9p7[2]	19200		
t_EOTEnterGainVspd_Kph_u9p7[3]	19328		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•

Test Step 2.34 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.148000002
EOTActuatorMng SESState Uls M enum	SES ENTERING
EOTDet_Cnt_T_lgc	0
EOTDisable_Cnt_T_lgc	1.
FiltHwTrq_HwNm_T_f32	5.5
HandWheelAuth_Uls_T_f32	0.860000014
HandWheelPos_HwDeg_T_f32	-777.067017
LimitPosition_HwDeg_T_f32	333.544006
VehicleSpeed_Kph_T_f32	25.0650005
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.217999995
k_EOTDeltaTrqThrsh_HwNm_u9p7	896
k_EOTDynConf_Uls_u8p8	17664
k_EOTImpSpdEn_Kph_u9p7	32640
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1616
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4832
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4848
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4864
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	976
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2912
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2928
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2944
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1616
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4832
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4848
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4864
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2256
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6752
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6768
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6784
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	496
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	336
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	960
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	3200
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4800
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3520
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	5760
t_EOTEnterGainVspd_Kph_u9p7[0]	6528

2015-06-29, 18:23:06+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[1]	19456		
t_EOTEnterGainVspd_Kph_u9p7[2]	19584		
t_EOTEnterGainVspd_Kph_u9p7[3]	19712		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.768999994		
EOTActuatorMng SESState Uls M enum	SES NORMAL		
EOTDet Cnt T Igc	1		
EOTDisable Cnt T lgc	0		
FiltHwTrg HwNm T f32	-5.5		
HandWheelAuth Uls T f32	0.89999976		
HandWheelPos HwDeg T f32	777.315002		
LimitPosition HwDeg T f32	-333.544006		
VehicleSpeed Kph T f32	28.0779991		
k EOTActiveRegionBypassMaxThresh Uls f32	0.611000001		
k_EOTDeltaTrqThrsh_HwNm_u9p7	768		
k EOTDynConf Uls u8p8	8704		
k EOTImpSpdEn Kph u9p7	3840		
t2 EOTEnterGainX HwDeg u12p4[0][0]	1632		
t2 EOTEnterGainX HwDeg u12p4[0][1]	4880		
t2 EOTEnterGainX HwDeg u12p4[0][2]	4896		
t2 EOTEnterGainX HwDeg u12p4[0][3]	4912		
t2 EOTEnterGainX HwDeg u12p4[1][0]	992		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2960		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2976		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2992		
t2 EOTEnterGainX HwDeg u12p4[2][0]	1632		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4880		
t2 EOTEnterGainX HwDeg u12p4[2][2]	4896		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4912		
t2 EOTEnterGainX HwDeg u12p4[3][0]	2272		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6816		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	352		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1440		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	3360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4960		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	4640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760		
t_EOTEnterGainVspd_Kph_u9p7[0]	6656		
t_EOTEnterGainVspd_Kph_u9p7[1]	19840		
t_EOTEnterGainVspd_Kph_u9p7[2]	19968		
t_EOTEnterGainVspd_Kph_u9p7[2]	20096		
		Exposted Value	Boorelt
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓

Test Step 2.36 (Repeat Count = 1)		V
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.654999971	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
EOTDet_Cnt_T_lgc	0	
EOTDisable_Cnt_T_lgc	1	
FiltHwTrq_HwNm_T_f32	6.5	
HandWheelAuth_Uls_T_f32	0.889999986	
HandWheelPos_HwDeg_T_f32	-666.057007	
LimitPosition_HwDeg_T_f32	444.993988	
VehicleSpeed_Kph_T_f32	12.9809999	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.328000009	
k_EOTDeltaTrqThrsh_HwNm_u9p7	640	
k_EOTDynConf_Uls_u8p8	19200	
k_EOTImpSpdEn_Kph_u9p7	3968	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	544	

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1616		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1632		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1648		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1008		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	3008		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3024		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	3040		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1648		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4928		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4944		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4960		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2288		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6848		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6864		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	0		
t2_EOTPosDepDmpTbIX_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_EOTEnterGainVspd_Kph_u9p7[0]	6784		
t_EOTEnterGainVspd_Kph_u9p7[1]	20224		
t_EOTEnterGainVspd_Kph_u9p7[2]	20352		
t_EOTEnterGainVspd_Kph_u9p7[3]	20480		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.37 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng OutputRampMultLtd M f32	0.377000004
EOTActuatorMng SESState Uls M enum	
·	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	-6.5
FiltHwTrq_HwNm_T_f32	
HandWheelAuth_Uls_T_f32	0.879999995 666.314026
HandWheelPos_HwDeg_T_f32	
LimitPosition_HwDeg_T_f32	-444.740997
VehicleSpeed_Kph_T_f32	16.1280003
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0270000007
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	32000
k_EOTImpSpdEn_Kph_u9p7	4096
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	560
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1664
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1680
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1696
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1024
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	3056
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3072
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	3088
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1664
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4976
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4992
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	5008
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2304
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6896
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6912
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6928
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760
t_EOTEnterGainVspd_Kph_u9p7[0]	6912
t_EOTEnterGainVspd_Kph_u9p7[1]	20608

2015-06-29, 18:23:06+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[2]	20736		
t_EOTEnterGainVspd_Kph_u9p7[3]	20864		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.38 (Repeat Count = 1) Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0.85799998		
	SES ENTERING		
EOTActuatorMng_SESState_Uls_M_enum	1		
EOTDet_Cnt_T_lgc	0		
EOTDisable_Cnt_T_lgc	7.5		
FiltHwTrq_HwNm_T_f32	0.870000005		
HandWheelAuth_Uls_T_f32	-555.057983		
HandWheelPos_HwDeg_T_f32	-555.057963 555.387024		
LimitPosition_HwDeg_T_f32	18.0510006		
VehicleSpeed_Kph_T_f32			
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.89899989		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024		
k_EOTDynConf_Uls_u8p8	51200		
k_EOTImpSpdEn_Kph_u9p7	4224		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	576		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1712		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1728		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1744		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1040		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	3104		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3120		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	3136		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1680		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5024		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	5040		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	5056		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2320		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6944		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6960		
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6976		
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1920		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0		
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1920		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1920		
t_EOTEnterGainVspd_Kph_u9p7[0]	7040		
t_EOTEnterGainVspd_Kph_u9p7[1]	20992		
t_EOTEnterGainVspd_Kph_u9p7[2]	21120		
t_EOTEnterGainVspd_Kph_u9p7[3]	21248		
Name	Actual Value	Expected Value	Resu
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	

Test Step 2.39 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.698000014	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	0	
EOTDisable_Cnt_T_lgc	1	
FiltHwTrq_HwNm_T_f32	-7.5	
HandWheelAuth_Uls_T_f32	0.850000024	
HandWheelPos_HwDeg_T_f32	555.317017	
LimitPosition_HwDeg_T_f32	-555.146973	
VehicleSpeed_Kph_T_f32	22.0575008	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.933000028	
k_EOTDeltaTrqThrsh_HwNm_u9p7	896	
k_EOTDynConf_Uls_u8p8	3072	
k_EOTImpSpdEn_Kph_u9p7	4352	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	0	

SES_StateCtrl

2015-06-29, 18:23:06+0530



Name Input Value

2015-06-29, 18:23:06+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[3]	22016		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.56099999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-8.5		
HandWheelAuth_Uls_T_f32	0.850000024		
HandWheelPos_HwDeg_T_f32	444.316986		
LimitPosition_HwDeg_T_f32	-666.380981		
VehicleSpeed_Kph_T_f32	11.5550003		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69999988		
k_EOTDeltaTrqThrsh_HwNm_u9p7	640		
k_EOTDynConf_Uls_u8p8	16640		
k_EOTImpSpdEn_Kph_u9p7	4608		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	432		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	576		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	832		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1216		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	976		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1360		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	688		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1072		
t_EOTEnterGainVspd_Kph_u9p7[0]	7424		
t_EOTEnterGainVspd_Kph_u9p7[1]	22144		
t_EOTEnterGainVspd_Kph_u9p7[2]	22272		
t_EOTEnterGainVspd_Kph_u9p7[3]	22400		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	result
LO I Actuato I wing OLOGitate Olo I w Ellium	OLO_DIOADLLD	OLO_DIOADLLD	

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.871999979
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	9.5
HandWheelAuth_Uls_T_f32	0.879999995
HandWheelPos_HwDeg_T_f32	-333.212006
LimitPosition_HwDeg_T_f32	777.049988
VehicleSpeed_Kph_T_f32	14.1569996
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.153999999
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
k_EOTDynConf_Uls_u8p8	18
k_EOTImpSpdEn_Kph_u9p7	4736
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1760
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5264
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5280

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5296		
t2 EOTEnterGainX HwDeg u12p4[1][0]	1456		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4352		
t2 EOTEnterGainX HwDeg u12p4[1][2]	4368		
t2 EOTEnterGainX HwDeg u12p4[1][3]	4384		
t2 EOTEnterGainX HwDeg u12p4[2][0]	672		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2000		
t2 EOTEnterGainX HwDeg u12p4[2][2]	2016		
t2 EOTEnterGainX HwDeg u12p4[2][3]	2032		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1232		
t2 EOTEnterGainX HwDeg u12p4[3][1]	3680		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3696		
t2 EOTEnterGainX HwDeg u12p4[3][3]	3712		
t2 EOTPosDepDmpTblX HwDeg u12p4[0][0]	448		
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][1]	592		
t2 EOTPosDepDmpTblX HwDeq u12p4[1][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1376		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1088		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	0		
t_EOTEnterGainVspd_Kph_u9p7[2]	0		
t_EOTEnterGainVspd_Kph_u9p7[3]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~





Test Step 2.43 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.971000016		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-9.5		
HandWheelAuth_Uls_T_f32	0.89999976		
HandWheelPos_HwDeg_T_f32	333.313995		
LimitPosition_HwDeg_T_f32	-777.067017		
VehicleSpeed_Kph_T_f32	15.0469999		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.374000013		
k_EOTDeltaTrqThrsh_HwNm_u9p7	384		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	4864		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1776		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5312		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5328		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5344		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1472		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4416		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4432		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	688		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2048		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2064		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1248		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3728		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3744		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	464		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	608		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1248		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1008		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1392		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1104		
t_EOTEnterGainVspd_Kph_u9p7[0]	32640		
t_EOTEnterGainVspd_Kph_u9p7[1]	32640		
t_EOTEnterGainVspd_Kph_u9p7[2]	32640		
t_EOTEnterGainVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL	SES NORMAL	

Test Step 2.44 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.702000022
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	1.70000005
HandWheelAuth_Uls_T_f32	0.8125
HandWheelPos_HwDeg_T_f32	-222.011002
LimitPosition_HwDeg_T_f32	888.046997
VehicleSpeed_Kph_T_f32	16.0170002
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.787
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	4992
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1792
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5360
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5376
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5392
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1488
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4448
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4464
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4480
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	704
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2096

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2112		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2128		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1264		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3776		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3792		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	624		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1264		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1408		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1120		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	✓

Test Step 2.45 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.850000024		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-2.5999999		
HandWheelAuth_Uls_T_f32	0.89999976		
HandWheelPos_HwDeg_T_f32	500.049988		
LimitPosition_HwDeg_T_f32	700.093994		
VehicleSpeed_Kph_T_f32	18.375		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.335000008		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	5120		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1808		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5408		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5424		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1504		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4496		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4512		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4528		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	720		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2144		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2160		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2176		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3824		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3840		
t2 EOTEnterGainX HwDeg u12p4[3][3]	3856		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	496		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1040		
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][1]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	752		
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][1]	1136		
t EOTEnterGainVspd Kph u9p7[0]	0		
t EOTEnterGainVspd Kph u9p7[1]	640		
t EOTEnterGainVspd Kph u9p7[2]	1408		
t EOTEnterGainVspd Kph u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES EXITING	SES EXITING	rtooun





Test Step 2.46 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0860000029		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	3.33999991		
HandWheelAuth_Uls_T_f32	0.910000026		
HandWheelPos_HwDeg_T_f32	600.059998		
LimitPosition_HwDeg_T_f32	701.039978		
VehicleSpeed_Kph_T_f32	20.4580002		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0920000002		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280		
k_EOTDynConf_Uls_u8p8	230		
k_EOTImpSpdEn_Kph_u9p7	5248		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1824		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5456		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5472		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5488		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1520		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4544		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4560		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4576		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	736		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2192		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2208		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2224		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	352		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	512		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	912		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1296		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1056		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1152		
t_EOTEnterGainVspd_Kph_u9p7[0]	1280		
t_EOTEnterGainVspd_Kph_u9p7[1]	2560		
t_EOTEnterGainVspd_Kph_u9p7[2]	3840		
t_EOTEnterGainVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING	SES ENTERING	, 100 di

Test Step 2.47 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng OutputRampMultLtd M f32	0.61500001
EOTActuatorMng SESState UIs M enum	SES NORMAL
EOTDet Cnt T Igc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-4.28000021
HandWheelAuth_Uls_T_f32	0.920000017
HandWheelPos_HwDeg_T_f32	897.789978
LimitPosition_HwDeg_T_f32	712.060974
VehicleSpeed_Kph_T_f32	25.4559994
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.526000023
k_EOTDeltaTrqThrsh_HwNm_u9p7	128
k_EOTDynConf_Uls_u8p8	233
k_EOTImpSpdEn_Kph_u9p7	5376
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1840
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5504
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5520
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5536
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1536
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4592
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4608
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4624
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	752
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2240

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2256		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2272		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1456		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1168		
t_EOTEnterGainVspd_Kph_u9p7[0]	6400		
t_EOTEnterGainVspd_Kph_u9p7[1]	7680		
t_EOTEnterGainVspd_Kph_u9p7[2]	8960		
t_EOTEnterGainVspd_Kph_u9p7[3]	10240		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~

Test Step 2.48 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	9.5		
HandWheelAuth_Uls_T_f32	0.87999995		
HandWheelPos_HwDeg_T_f32	-333.212006		
LimitPosition_HwDeg_T_f32	777.049988		
VehicleSpeed_Kph_T_f32	14.1569996		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.375		
k_EOTDeltaTrqThrsh_HwNm_u9p7	512		
k_EOTDynConf_Uls_u8p8	18		
k_EOTImpSpdEn_Kph_u9p7	4736		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1760		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5264		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5280		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5296		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1456		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4352		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4368		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4384		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	672		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2000		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2016		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2032		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1232		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3680		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3696		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3712		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	448		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	592		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1376		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1088		
t_EOTEnterGainVspd_Kph_u9p7[0]	7040		
t_EOTEnterGainVspd_Kph_u9p7[1]	20992		
t_EOTEnterGainVspd_Kph_u9p7[2]	21120		
t_EOTEnterGainVspd_Kph_u9p7[3]	21248		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	1100011





Test Step 2.49 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	1		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-9.5		
HandWheelAuth_Uls_T_f32	0.899999976		
HandWheelPos_HwDeg_T_f32	333.313995		
LimitPosition_HwDeg_T_f32	-777.067017		
VehicleSpeed_Kph_T_f32	15.0469999		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.519999981		
k_EOTDeltaTrqThrsh_HwNm_u9p7	384		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	4864		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1776		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5312		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5328		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5344		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1472		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4416		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4432		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	688		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2048		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2064		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1248		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3728		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3744		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	464		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	608		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1248		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1008		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1392		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	720		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	1104		
t_EOTEnterGainVspd_Kph_u9p7[0]	7168		
t_EOTEnterGainVspd_Kph_u9p7[1]	21376		
t_EOTEnterGainVspd_Kph_u9p7[2]	21504		
t_EOTEnterGainVspd_Kph_u9p7[3]	21632		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 2.50 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.637000024
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	1.70000005
HandWheelAuth_Uls_T_f32	0.8125
HandWheelPos_HwDeg_T_f32	-222.011002
LimitPosition_HwDeg_T_f32	888.046997
VehicleSpeed_Kph_T_f32	16.0170002
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.842999995
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	4992
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1792
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5360
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5376
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5392
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1488
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4448
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4464
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4480
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	704
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2096

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2112		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2128		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1264		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3776		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3792		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3808		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	624		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	880		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1264		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1024		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1408		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	736		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1120		
t_EOTEnterGainVspd_Kph_u9p7[0]	7296		
t_EOTEnterGainVspd_Kph_u9p7[1]	21760		
t_EOTEnterGainVspd_Kph_u9p7[2]	21888		
t_EOTEnterGainVspd_Kph_u9p7[3]	22016		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 2.51 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.559000015		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-2.5999999		
HandWheelAuth_Uls_T_f32	0.89999976		
HandWheelPos_HwDeg_T_f32	500.049988		
LimitPosition_HwDeg_T_f32	700.093994		
VehicleSpeed_Kph_T_f32	18.375		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0		
k_EOTDeltaTrqThrsh_HwNm_u9p7	896		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	5120		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1808		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5408		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5424		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1504		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4496		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4512		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4528		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	720		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2144		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2160		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2176		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	3824		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	3840		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	3856		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	496		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1424		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	752		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1136		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t EOTEnterGainVspd Kph u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1408		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	rtodun





Test Step 2.52 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.100000001		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	3.33999991		
HandWheelAuth_Uls_T_f32	0.910000026		
HandWheelPos_HwDeg_T_f32	600.059998		
LimitPosition_HwDeg_T_f32	701.039978		
VehicleSpeed_Kph_T_f32	20.4580002		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	1		
k_EOTDeltaTrqThrsh_HwNm_u9p7	768		
k_EOTDynConf_Uls_u8p8	230		
k_EOTImpSpdEn_Kph_u9p7	5248		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1824		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5456		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5472		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5488		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1520		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4544		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4560		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4576		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	736		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2192		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2208		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2224		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	352		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	704		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	512		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	656		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	912		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1296		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	1056		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1440		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1152		
t_EOTEnterGainVspd_Kph_u9p7[0]	1280		
t_EOTEnterGainVspd_Kph_u9p7[1]	2560		
t_EOTEnterGainVspd_Kph_u9p7[2]	3840		
t_EOTEnterGainVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	~

Test Step 2.53 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0320000015
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-4.28000021
HandWheelAuth_Uls_T_f32	0.920000017
HandWheelPos_HwDeg_T_f32	897.789978
LimitPosition_HwDeg_T_f32	712.060974
VehicleSpeed_Kph_T_f32	25.4559994
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.519999981
k_EOTDeltaTrqThrsh_HwNm_u9p7	640
k_EOTDynConf_Uls_u8p8	233
k_EOTImpSpdEn_Kph_u9p7	5376
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1840
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	5504
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	5520
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	5536
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1536
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	4592
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	4608
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4624
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	752
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2240

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2256		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2272		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1280		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	928		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1312		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1072		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1456		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	784		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	1168		
t_EOTEnterGainVspd_Kph_u9p7[0]	6400		
t_EOTEnterGainVspd_Kph_u9p7[1]	7680		
t_EOTEnterGainVspd_Kph_u9p7[2]	8960		
t_EOTEnterGainVspd_Kph_u9p7[3]	10240		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	✓

Test Step 2.54 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	0		
EOTActuatorMng SESState Uls M enum	SES DISABLED		
EOTDet Cnt T Igc	0		
EOTDisable Cnt T lgc	0		
FiltHwTrq_HwNm_T_f32	-10		
HandWheelAuth Uls T f32	0		
HandWheelPos HwDeg T f32	-1440.10999		
LimitPosition HwDeg T f32	-1440.10999		
VehicleSpeed Kph T f32	0		
k EOTActiveRegionBypassMaxThresh Uls f32	0		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k EOTDynConf Uls u8p8	0		
k_EOTImpSpdEn_Kph_u9p7	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2 EOTEnterGainX HwDeg u12p4[0][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	0		
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_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	0		
t_EOTEnterGainVspd_Kph_u9p7[2]	0		
t_EOTEnterGainVspd_Kph_u9p7[3]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

2015-06-29, 18:23:06+0530



Test Step 2.55 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng OutputRampMultLtd M f32	1		
EOTActuatorMng SESState Uls M enum	SES EXITING		
EOTDet_Cnt_T_lgc	1		
EOTDisable Cnt T lgc	1		
FiltHwTrq HwNm T f32	10		
HandWheelAuth Uls T f32	1		
HandWheelPos HwDeg T f32	1440.10999		
LimitPosition HwDeg T f32	1440.10999		
VehicleSpeed Kph T f32	511.992188		
k EOTActiveRegionBypassMaxThresh UIs f32	1		
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280		
k EOTDynConf Uls u8p8	65535		
k EOTImpSpdEn Kph u9p7	32640		
t2 EOTEnterGainX HwDeg u12p4[0][0]	14400		
t2 EOTEnterGainX HwDeg u12p4[0][1]	14400		
t2 EOTEnterGainX HwDeg u12p4[0][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400		
t2 EOTEnterGainX HwDeg u12p4[1][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400		
t2 EOTEnterGainX HwDeg u12p4[1][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760		
t_EOTEnterGainVspd_Kph_u9p7[0]	32640		
t_EOTEnterGainVspd_Kph_u9p7[1]	32640		
t_EOTEnterGainVspd_Kph_u9p7[2]	32640		
t_EOTEnterGainVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

2015-06-29, 18:23:06+0530

SES_StateCtrl



Test Case 3: Path Test

2015-06-29, 18:23:06+0530



SES_StateCtrl Specification

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

TS3.1 64 cycles TS3.2 269 cycles TS3.2 269 cycles TS3.3 403 cycles TS3.5 64 cycles TS3.5 69 cycles TS3.6 59 cycles TS3.7 403 cycles TS3.8 272 cycles TS3.9 404 cycles TS3.10 248 cycles TS3.11 385 cycles TS3.12 386 cycles TS3.13 261 cycles



Description Vecto

Vector Description $TS3.1"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True)) = FALSE (EOTDisable_Cnt_T_lgc = True) = FALSE (EOTDisable_Cnt_T_lgc = True)) = FALSE (EOTDisable$ $(Abs_f32_m(HandWheelPos5_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition1_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32) - Max_f32) - Max_m(EOTENTERGainVal_HwDeg_T_f32) - Max_f32) - Max_f32$ EOTPosDepDampVal_HwDeg_T_f32)))=TRUE AND StatePriVectRes Uls T u16 = D SESSTATE PRI2 ULS U16 $TS3.2"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) \ Or \ (VehicleSpeed2_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) \ Or \ (EOTDet_Cnt_T_lgc = False) \ Or \ (EOTDisable_Cnt_T_lgc = True)) = FALSE \ Or \ (EOTDet_Cnt_T_lgc = True) = FALSE \ Or \ (EOTDet_Cnt_T_lgc = Tr$ AND (EOTActuatorMng_OutputRampMultLtd_M_f32 <= k_EOTActiveRegionBypassMaxThresh_Uls_f32) && (SESNextState_Uls_T_enum == SES_DISABLED)) || (Abs_f32_m(HandWheelPos_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32, EOTPosDepDampVal_HwDeg_T_f32)))))=FALSE AND (FiltHwTrg HwNm T f32 > EOTDeltaTrgThrsh HwNm T f32)=TRUE StatePriVectRes_Uls_T_u16=D_SESSTATE_PRI3_ULS_U16 AND (SESState_UIs_M_enum <> SES_DISABLED)=TRUE" TS3.3"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=FALSE (Abs_f32_m(HandWheelPos5_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition1_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32, EOTPosDepDampVal_HwDeg_T_f32)))=FALSE AND (FiltHwTrq_HwNm_T_f32 < (D_MINUSONE_ULS_F32 * EOTDeltaTrqThrsh_HwNm_T_f32))=TRUE AND StatePriVectRes_Uls_T_u16=D_SESSTATE_PRI4_ULS_U16 (SESState_Uls_M_enum <> SES_DISABLED)=TRUE"
TS3.4"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=TRUE AND StatePriVectRes_Uls_T_u16= D_SESSTATE_PRI1_ULS_U16"
TS3.5"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_gc = False) Or (EOTDisable_Cnt_T_gc = True))=TRUE AND StatePriVectRes_Uls_T_u16= D_SESSTATE_PRI1_ULS_U16" TS3.6"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=FALSE $(Abs_f32_m(HandWheelPos5_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition1_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32) - Max_f32) - Max_m(EOTENTERGainVal_HwDeg_T_f32) - Max_f32) - Max_f32$ EOTPosDepDampVal_HwDeg_T_f32)))=TRUE StatePriVectRes_Uls_T_u16=D_SESSTATE_PRI2_ULS_U16"
TS3.7"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=FALSE (Abs_f32_m(HandWheelPos5_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition1_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32, EOTPosDepDampVal_HwDeg_T_f32)))=FALSE"
TS3.8"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=FALSE AND (Abs f32 m(HandWheelPos5 HwDeg T f32) <= (Abs f32 m(LimitPosition1 HwDeg T f32) - Max m(EOTEnterGainVal HwDeg T f32, EOTPosDepDampVal_HwDeg_T_f32)))=FALSE AND (FiltHwTrq HwNm T f32 > EOTDeltaTrqThrsh HwNm T f32)=TRUE ÀND StatePriVectRes_Uls_T_u16=D_SESSTATE_PRI3_ULS_U16 AND (SESState_Uls_M_enum <> SES_DISABLED)=FALSE" TS3.9"((HandWheelAuth1_Uls__f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True))=FALSE (Abs_f32_m(HandWheelPos5_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition1_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32, EOTPosDepDampVal_HwDeg_T_f32)))=FALSE $(FiltHwTrq_HwNm_T_f32 < (D_MINUSONE_ULS_F32 * EOTDeltaTrqThrsh_HwNm_T_f32)) = TRUE$ AND StatePriVectRes Uls T u16=D SESSTATE PRI4 ULS U16 (SESState_UIs_M_enum <> SES_DISABLED)=FALSE TS3.10"(EOTActuatorMng_OutputRampMultLtd_M_f32 <= k_EOTActiveRegionBypassMaxThresh_Uls_f32) && (SESNextState_Uls_T_enum == SES_DISABLED)) ||
(Abs_f32_m(HandWheelPos_HwDeg_T_f32) <= (Abs_f32_m(LimitPosition_HwDeg_T_f32) - Max_m(EOTEnterGainVal_HwDeg_T_f32, TS3.13(StatePriVectRes_UIs_T_u16 = D_SESSTATE_PRI4_ULS_U16) AND (EOTActuatorMng_SESState_UIs_M_enum != SES_DISABLED)=> FALSE

Test Step 3.1 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.172000006
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1

TS3.14(StatePriVectRes_Uls_T_u16 = D_SESSTATE_PRI3_ULS_U16) AND (EOTActuatorMng_SESState_Uls_M_enum !=

SES DISABLED)=> FALSE

2015-06-29, 18:23:06+0530



Name	Input Value		
EOTDisable_Cnt_T_lgc	1		
FiltHwTrg HwNm T f32	-10		
HandWheelAuth Uls T f32	0.89999976		
HandWheelPos HwDeg T f32	600		
LimitPosition HwDeg T f32	1100		
VehicleSpeed Kph T f32	10		
k EOTActiveRegionBypassMaxThresh UIs f32	0.31099999		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES DISABLED	SES DISABLED	✓

Test Step 3.2 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.808000028
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	10
HandWheelAuth_Uls_T_f32	0.949999988
HandWheelPos_HwDeg_T_f32	1250
LimitPosition_HwDeg_T_f32	-1200
VehicleSpeed_Kph_T_f32	20
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.119999997
k_EOTDeltaTrqThrsh_HwNm_u9p7	0
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	3840
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	~

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.550999999		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-2		
HandWheelAuth_Uls_T_f32	0.870000005		
HandWheelPos_HwDeg_T_f32	-400		
LimitPosition_HwDeg_T_f32	-1000		
VehicleSpeed_Kph_T_f32	18		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.541999996		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~

Test Step 3.4 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.202999994	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
EOTDet_Cnt_T_lgc	0	
EOTDisable_Cnt_T_lgc	1	

SES_StateCtrl

2015-06-29, 18:23:06+0530



Name	Input Value		
FiltHwTrg HwNm T f32	4		
HandWheelAuth_Uls_T_f32	0.230000004		
HandWheelPos_HwDeg_T_f32	1440.10999		
LimitPosition HwDeg T f32	900		
VehicleSpeed_Kph_T_f32	250		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.961000025		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

T (0) 0 F (D (0) (1)	
Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.806999981
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	0
EOTDisable_Cnt_T_lgc	1
FiltHwTrq_HwNm_T_f32	4
HandWheelAuth_Uls_T_f32	0.899999976
HandWheelPos_HwDeg_T_f32	1440.10999
LimitPosition_HwDeg_T_f32	900
VehicleSpeed_Kph_T_f32	25
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.754999995
k_EOTDeltaTrqThrsh_HwNm_u9p7	0
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	3840
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.231000006		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	1		
FiltHwTrq_HwNm_T_f32	-10		
HandWheelAuth_Uls_T_f32	0.899999976		
HandWheelPos_HwDeg_T_f32	-1250		
LimitPosition_HwDeg_T_f32	1100		
VehicleSpeed_Kph_T_f32	50		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0599999987		
k_EOTDeltaTrqThrsh_HwNm_u9p7	128		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	1760		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1920		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	2240		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	2560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4320		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	

Test Step 3.7 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.282000005	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
EOTDet_Cnt_T_lgc	1	
EOTDisable_Cnt_T_lgc	0	
FiltHwTrq_HwNm_T_f32	0	

2015-06-29, 18:23:06+0530



Name	Input Value		
HandWheelAuth Uls T f32	0.870000005		
HandWheelPos HwDeg T f32	-350		
LimitPosition HwDeg T f32	-1000		
VehicleSpeed Kph T f32	18		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0240000002		
k_EOTDeltaTrqThrsh_HwNm_u9p7	128		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	960		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1120		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	1760		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1920		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	2240		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	2560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	4160		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	4000		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1600		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4320		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	

Test Step 3.8 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.192000002
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	10
HandWheelAuth_Uls_T_f32	0.949999988
HandWheelPos_HwDeg_T_f32	1250
LimitPosition_HwDeg_T_f32	-1200
VehicleSpeed_Kph_T_f32	20
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.72299999
k_EOTDeltaTrqThrsh_HwNm_u9p7	0
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	3840
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0

2015-06-29, 18:23:06+0530



Name	Input Value		
t2 EOTPosDepDmpTblX HwDeg u12p4[0][1]	320		
t2 EOTPosDepDmpTblX HwDeg u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.481999993		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
EOTDet_Cnt_T_lgc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-2		
HandWheelAuth_Uls_T_f32	0.870000005		
HandWheelPos_HwDeg_T_f32	500		
LimitPosition_HwDeg_T_f32	-1000		
VehicleSpeed_Kph_T_f32	18		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.950999975		
k_EOTDeltaTrqThrsh_HwNm_u9p7	0		
k_EOTDynConf_Uls_u8p8	205		
k_EOTImpSpdEn_Kph_u9p7	3840		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result

Test Step 3.10 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.970000029
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	10
HandWheelAuth_Uls_T_f32	0.949999988

t_EOTEnterGainVspd_Kph_u9p7[2] t_EOTEnterGainVspd_Kph_u9p7[3]

EOTActuatorMng_SESState_Uls_M_enum

2015-06-29, 18:23:06+0530



SES StateCtrl Input Value HandWheelPos_HwDeg_T_f32 120 LimitPosition_HwDeg_T_f32 -1200 VehicleSpeed_Kph_T_f32 20 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.375999987 k EOTDeltaTrqThrsh_HwNm_u9p7 0 k_EOTDynConf_Uls_u8p8 205 k_EOTImpSpdEn_Kph_u9p7 3840 320 t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] 480 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 960 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 1440 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 1600 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 2400 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 3200 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 4000 4800 t2_EOTEnterGainX_HwDeg_u12p4[2][0] $t2_EOTEnterGainX_HwDeg_u12p4[2][1]$ 5600 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 6400 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 7200 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 8000 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 8800 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 9600 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 10400 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 560 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 720 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 1760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3520 $t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]$ 2400 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3200 t_EOTEnterGainVspd_Kph_u9p7[0] 0 640 t EOTEnterGainVspd Kph u9p7[1]

1280

2560 Actual Value

SES NORMAL

Expected Value

SES NORMAL

Test Step 3.11 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.699000001
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	10
HandWheelAuth_Uls_T_f32	0.949999988
HandWheelPos_HwDeg_T_f32	1250.31995
LimitPosition_HwDeg_T_f32	-1200.05005
VehicleSpeed_Kph_T_f32	30.3540001
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.677999973
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280
k_EOTDynConf_Uls_u8p8	51
k_EOTImpSpdEn_Kph_u9p7	5504
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	496
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1472
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1488
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1504
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1136
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3392
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3408
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3424
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1776
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5312
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5328
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5344
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	96

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	480		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1136		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	656		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1040		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	672		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4032		
t_EOTEnterGainVspd_Kph_u9p7[0]	2688		
t_EOTEnterGainVspd_Kph_u9p7[1]	7936		
t_EOTEnterGainVspd_Kph_u9p7[2]	8064		
t_EOTEnterGainVspd_Kph_u9p7[3]	8192		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~

Test Step 3.12 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_OutputRampMultLtd_M_f32	0.949999988		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
EOTDet Cnt T Igc	1		
EOTDisable_Cnt_T_lgc	0		
FiltHwTrq_HwNm_T_f32	-5.0999999		
HandWheelAuth_Uls_T_f32	0.860000014		
HandWheelPos_HwDeg_T_f32	1300.31995		
LimitPosition_HwDeg_T_f32	1300.78003		
VehicleSpeed_Kph_T_f32	41.6139984		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.81099999		
k_EOTDeltaTrqThrsh_HwNm_u9p7	640		
k_EOTDynConf_Uls_u8p8	77		
k_EOTImpSpdEn_Kph_u9p7	5888		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	544		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1616		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1632		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1648		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1184		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3536		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3552		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3568		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1824		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5456		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5472		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5488		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	144		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	304		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	576		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4080		
t_EOTEnterGainVspd_Kph_u9p7[0]	3072		
t_EOTEnterGainVspd_Kph_u9p7[1]	9088		
t_EOTEnterGainVspd_Kph_u9p7[2]	9216		
t_EOTEnterGainVspd_Kph_u9p7[3]	9344		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~

Test Step 3.13 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.99000001
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	-9.67000008
HandWheelAuth_Uls_T_f32	0.920000017
HandWheelPos_HwDeg_T_f32	694.370972

2015-06-29, 18:23:06+0530



Name	Input Value		
LimitPosition_HwDeg_T_f32	-500.450012		
VehicleSpeed_Kph_T_f32	24.1000004		
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0430000015		
k_EOTDeltaTrqThrsh_HwNm_u9p7	896		
k_EOTDynConf_Uls_u8p8	233		
k_EOTImpSpdEn_Kph_u9p7	7936		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	192		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2384		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2416		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4304		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4320		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4336		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6224		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6240		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6256		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	48		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	960		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	848		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4336		
t_EOTEnterGainVspd_Kph_u9p7[0]	5120		
t_EOTEnterGainVspd_Kph_u9p7[1]	15232		
t_EOTEnterGainVspd_Kph_u9p7[2]	15360		
t_EOTEnterGainVspd_Kph_u9p7[3]	15488		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Test Step 3.14 (Repeat Count = 1)	▼
Name	Input Value
EOTActuatorMng_OutputRampMultLtd_M_f32	0.808000028
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED
EOTDet_Cnt_T_lgc	1
EOTDisable_Cnt_T_lgc	0
FiltHwTrq_HwNm_T_f32	10
HandWheelAuth_Uls_T_f32	0.94999988
HandWheelPos_HwDeg_T_f32	1250
LimitPosition_HwDeg_T_f32	-1200
VehicleSpeed_Kph_T_f32	20
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.119999997
k_EOTDeltaTrqThrsh_HwNm_u9p7	0
k_EOTDynConf_Uls_u8p8	205
k_EOTImpSpdEn_Kph_u9p7	3840
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	560

2015-06-29, 18:23:06+0530



Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	720		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3520		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2400		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3200		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 EOTActuatorMng_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

otal	Testcases	•

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530





Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

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

TS1.1 1163 cycles TS1.2 1896 cycles

Description Vector Description

TS1.1"Shortest Execution Path:

IS1.1'Shortest Execution Path:

((EOTDet_Cnt_T_lgc = True) Or (EOTDisable_Cnt_T_lgc = True)) ==> TRUE;

(EOTActuatorMng_SESState_Uls_M_enum = SES_DISABLED) ==> TRUE"

TS1.2"Longest Execution Path:

((EOTDet_Cnt_T_lgc = True) Or (EOTDisable_Cnt_T_lgc = True)) ==> FALSE;

(EOTActuatorMng_SESState_Uls_M_enum = SES_DISABLED) ==> FALSE"

Test Step 1.1 (Repeat Count = 1)

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

CPU Cycles:	Institute Value
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	8.80000019
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0
k_EOTDefltPosition_HwDeg_u12p4	13104
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280
k_EOTDynConf_Uls_u8p8	65535
k_EOTEnterLPFKn_Cnt_u16	30573
k_EOTExitLPFKn_Cnt_u16	30573
k_EOTImpSpdEn_Kph_u9p7	32640
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200
k_EOTStateHwTrqLPFKn_Cnt_u16	30573
k_MaxRackTrvl_HwDeg_u12p4	23040
k_MinRackTrvl_HwDeg_u12p4	23040
k_PosRampStep_HwDeg_u12p4	13104
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdIptScale_MtrNmpRadpS_u4p12	1024
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400
t2_EOTEnterGainY_Uls_u1p15[0][0]	32768
t2_EOTEnterGainY_Uls_u1p15[0][1]	32768
t2_EOTEnterGainY_Uls_u1p15[0][2]	32768
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
t2_EOTEnterGainY_Uls_u1p15[1][0]	32768
t2_EOTEnterGainY_Uls_u1p15[1][1]	32768
t2_EOTEnterGainY_Uls_u1p15[1][2]	32768
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768
t2_EOTEnterGainY_Uls_u1p15[2][0]	32768
t2_EOTEnterGainY_Uls_u1p15[2][1]	32768
t2_EOTEnterGainY_Uls_u1p15[2][2]	32768
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768
t2_EOTEnterGainY_Uls_u1p15[3][0]	32768
t2_EOTEnterGainY_Uls_u1p15[3][1]	32768
t2_EOTEnterGainY_Uls_u1p15[3][2]	32768
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768

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3

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760 5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5760		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	5760		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983		
t_EOTDmpVspd_Kph_u9p7[0]	32640		
t_EOTDmpVspd_Kph_u9p7[1]	32640		
t_EOTDmpVspd_Kph_u9p7[2]	32640		
t_EOTDmpVspd_Kph_u9p7[3]	32640		
t_EOTEnterGainVspd_Kph_u9p7[0]	32640		
t_EOTEnterGainVspd_Kph_u9p7[1]	32640		
t_EOTEnterGainVspd_Kph_u9p7[2]	32640		
t_EOTEnterGainVspd_Kph_u9p7[3]	32640		
t_SpdIptTbIXTbl_HwDeg_u12p4[0]	2880		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	2880		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	65520		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	65520		
t_TrqTableX_HwNm_u8p8[0]	2560		
t_TrqTableX_HwNm_u8p8[1]	2560 16384		
t_TrqTblY_Uls_u2p14[0]	16384		
t_TrqTblY_Uls_u2p14[1] target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-500.440002		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	1		
target_EOTActuatorMng_Per1_CoeMTourling_rest_eotate target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	500.049988		
target EOTActuatorMng Per1 CwFound Cnt Igc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-200.029999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.20000003		
target EOTActuatorMng Per1 OutputRampMultLtd Uls f32.value	0		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	8.02000046		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping		mping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtropersection and the properties of the properti$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgcrosservers and the property of the pro$	target_EOTActuatorMng_Per1_CcwFound_C	int_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3.$	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth UI	3 - 3 -		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_t		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.4000001	6.4000001 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999 ± 0.0000390625	·

target_rite_inst_Ap_EoTActuationing.EoTActuationing_refT_venicleopecu_rpn_	target_LOTActuatoriving_r cri_verileicopect		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.4000001	6.4000001 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	2147483648 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	11238400	11238400 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0	0 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0	0 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	✓
target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	•

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-6.80000019
EOTActuatorMng EOTImpactPos HwDeg M f32	789.5
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	1009317315
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL
	_
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng 0
C_EOTActiveRegionBypassMaxThresh_Uls_f32	3200
C_EOTDefitPosition_HwDeg_u12p4	
C_EOTDeltaTrqThrsh_HwNm_u9p7	1152
<pre>c_EOTDynConf_Uls_u8p8</pre>	0
C_EOTEnterLPFKn_Cnt_u16	6544
C_EOTExitLPFKn_Cnt_u16	111
c_EOTImpSpdEn_Kph_u9p7	5376
C_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
C_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	20.2399998
c_EOTStateHwTrqLPFKn_Cnt_u16	3754
c_MaxRackTrvl_HwDeg_u12p4	1776
C_MinRackTrvl_HwDeg_u12p4	12800
c_PosRampStep_HwDeg_u12p4	10848
s_SoftStopEOTEnable_Cnt_lgc	1
C_SpdIptScale_MtrNmpRadpS_u4p12	80
2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[1][0]	0
2_EOTEnterGainX_HwDeg_u12p4[1][1]	480
2_EOTEnterGainX_HwDeg_u12p4[1][2]	960
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[2][0]	0
2_EOTEnterGainX_HwDeg_u12p4[2][1]	480
2_EOTEnterGainX_HwDeg_u12p4[2][2]	960
2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
2_EOTEnterGainX_HwDeg_u12p4[3][1]	480
2_EOTEnterGainX_HwDeg_u12p4[3][2]	960
2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440
2_EOTEnterGainY_Uls_u1p15[0][0]	0
2_EOTEnterGainY_Uls_u1p15[0][1]	10813
2_EOTEnterGainY_Uls_u1p15[0][2]	21627
2_EOTEnterGainY_Uls_u1p15[0][3]	32768
2_EOTEnterGainY_Uls_u1p15[1][0]	0
2_EOTEnterGainY_Uls_u1p15[1][1]	10813
2_EOTEnterGainY_Uls_u1p15[1][2]	21627
2_EOTEnterGainY_Uls_u1p15[1][3]	32768
2_EOTEnterGainY_Uls_u1p15[2][0]	0
2_EOTEnterGainY_Uls_u1p15[2][1]	10813
2_EOTEItielGain1_Gis_u1p15[2][1] 2_EOTEItierGainY_Uls_u1p15[2][2]	21627
2_EOTEItierGain1_Uis_u1p15[2][2] 2_EOTEItierGainY_Uis_u1p15[2][3]	32768

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][0]	0		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10813		
t2_EOTEnterGainY_Uls_u1p15[3][2]	21627		
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	94		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	305		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	0		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	0		
t2_EOTPosDepDmpTblX_HwDog_u12p4[3][0]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmp1btY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmp7btY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2 EOTPosDepDmpTblY MtrNmpRadpS_u0p16[1][1]	305		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2816		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
t_TrqTableX_HwNm_u8p8[0]	2304		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTblY_Uls_u2p14[0]	16		
t_TrqTblY_Uls_u2p14[1]	164		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888.200012		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950.299988		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-800.900024		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.100000001		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	10.5		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10.5	maning Machine 500	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	0 _ 0		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.Per1_AssistEOTLimit_Mtr1			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3		·-	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CcwFound_C		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_Hwbeg_loz	target_EOTActuatorMng_Per1_CwEO1_HwL		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Clit_igt target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl HandWheelPos Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Perl_OutputRampMultLtd			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed		
Name	Actual Value	Expected Value	Result
EOTActuatorMng Damping MtrNm M f32	-6.75952005	-6.75952005 ± 0.0000390625	- Acount
	>00=000	000E000 ± 0.0000000000E0	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	800.900024	800.900024 ± 0.0000390625	

908539715

908539715 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	32227695	32227695 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	1	1 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.423065186	0.423065186 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-6.75952005	-6.75952005 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.423065186	0.423065186 ± 0.0000390625	✓
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.349609375	0.349609375 ± 0.00048828125	✓

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



Test Case 2: Boundary Test

2015-06-29, 18:06:03+0530



Specification

EOTActuatorMng_Per1

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

TS2.1 1895 cycles
TS2.2 1879 cycles
TS2.3 1893 cycles
TS2.4 1943 cycles
TS2.5 1941 cycles
TS2.6 1992 cycles
TS2.6 1892 cycles
TS2.7 1895 cycles
TS2.9 1905 cycles
TS2.10 1884 cycles
TS2.11 1905 cycles
TS2.11 1905 cycles
TS2.12 1895 cycles
TS2.13 1905 cycles
TS2.13 1905 cycles
TS2.14 1957 cycles
TS2.15 1955 cycles
TS2.15 1955 cycles
TS2.16 1908 cycles
TS2.17 1892 cycles
TS2.18 1895 cycles
TS2.19 1892 cycles
TS2.19 1892 cycles
TS2.19 1892 cycles
TS2.21 1892 cycles
TS2.21 1892 cycles
TS2.22 1895 cycles
TS2.23 1905 cycles
TS2.23 1905 cycles
TS2.24 1895 cycles
TS2.25 1895 cycles
TS2.25 1895 cycles
TS2.26 1895 cycles
TS2.27 1892 cycles
TS2.28 1895 cycles
TS2.29 1892 cycles
TS2.29 1892 cycles
TS2.29 1892 cycles
TS2.31 1905 cycles
TS2.31 1905 cycles
TS2.31 1905 cycles
TS2.33 1895 cycles
TS2.34 1895 cycles
TS2.33 1895 cycles
TS2.34 1895 cycles
TS2.36 1892 cycles
TS2.37 1892 cycles
TS2.38 1895 cycles
TS2.39 1895 cycles
TS2.31 1905 cycles
TS2.31 1905 cycles
TS2.32 1895 cycles
TS2.33 1892 cycles
TS2.34 1892 cycles
TS2.36 1892 cycles
TS2.37 1892 cycles
TS2.41 1892 cycles
TS2.42 1895 cycles
TS2.43 1895 cycles
TS2.44 1892 cycles
TS2.45 1895 cycles
TS2.46 1895 cycles
TS2.47 1892 cycles
TS2.48 1895 cycles
TS2.49 1880 cycles
TS2.49 1880 cycles
TS2.49 1880 cycles
TS2.51 1895 cycles
TS2.55 1994 cycles
TS2.56 1895 cycles
TS2.57 1880 cycles
TS2





Description Vector Description

TS2.1HwTorque_HwNm_f32 = min TS2.2HwTorque_HwNm_f32 = max TS2.2HwTorque_HwNm_f32 = max
TS2.3HwTorque_HwNm_f32 = zero
TS2.4HwTorque_HwNm_f32 = neg
TS2.5HwTorque_HwNm_f32 = pos
TS2.6CwEOT_HwDeg_f32 = min
TS2.7CwEOT_HwDeg_f32 = max
TS2.8CwEOT_HwDeg_f32 = min
TS2.10CcwEOT_HwDeg_f32 = max
TS2.11CcwEOT_HwDeg_f32 = neg
TS2.12CwEOUT_HwDeg_f32 = neg TS2.11CcwEOT_HwDeg_f32 = neg
TS2.12CwFound_Cnt_lgc = min
TS2.13CwFound_Cnt_lgc = max
TS2.14CcwFound_Cnt_lgc = min
TS2.15CcwFound_Cnt_lgc = min
TS2.16HandWheelPos_HwDeg_f32 = min
TS2.17HandWheelPos_HwDeg_f32 = max
TS2.18HandWheelPos_HwDeg_f32 = zero TS2.19HandWheelPos_HwDeg_f32 = neg TS2.29HandWheelPos_HwDeg_f32 = pos TS2.21HandWheelAuth_Uls_f32 = min TS2.22HandWheelAuth_Uls_f32 = max TS2.22HandWheelAuth_Uls_f32 = pos TS2.23HandWheelAuth_Uls_f32 = pos TS2.24MotorVel_MtrRadpS_f32 = min TS2.25MotorVel_MtrRadpS_f32 = max TS2.26MotorVel_MtrRadpS_f32 = zero TS2.27MotorVel_MtrRadpS_f32 = neg TS2.28MotorVel_MtrRadpS_f32= pos TS2.28MotorVel_MtrRadpS_32= pos
TS2.29VehicleSpeed_Kph_f32 = min
TS2.30VehicleSpeed_Kph_f32 = max
TS2.31VehicleSpeed_Kph_f32 = pos
TS2.32EOTImpactPos_HwDeg_M_f32 = min
TS2.33EOTImpactPos_HwDeg_M_f32 = max
TS2.34EOTImpactPos_HwDeg_M_f32 = max
TS2.34EOTImpactPos_HwDeg_M_f32 = pos
TS2.35FiltHWTrqSV_HwNm_M_s7p24= min
TS2.36FiltHWTrqSV_HwNm_M_s7p24= max
TS2.37FiltHWTrqSV_HwNm_M_s7p24= pos
TS2.38FiltHWTrqSV_HwNm_M_s7p24= pos
TS2.39FiltHWTrqSV_HwNm_M_s7p24= neg
TS2.40SESState_Uls_M_enum = min
TS2.41SESState_Uls_M_enum = 1 TS2.41SESState_UIs_M_enum = 1 TS2.42SESState_UIs_M_enum = 2 TS2.43SESState_UIs_M_enum = max TS2.44FiltEOTGainSV_HwNm_M_u1p31 = min
TS2.45FiltEOTGainSV_HwNm_M_u1p31 = max
TS2.46FiltEOTGainSV_HwNm_M_u1p31 = pos TS2.47PrevEOTGain_UIs_M_f32= min TS2.48PrevEOTGain_UIs_M_f32= max TS2.49PrevEOTGain_UIs_M_f32= mid TS2.50EOTDisable_Cnt_lgc min
TS2.51EOTDisable_Cnt_lgc max
TS2.52EOTActuatorMng_Damping_MtrNm_M_f32=min
TS2.53EOTActuatorMng_Damping_MtrNm_M_f32=max IS2.53EUTActuatorMng_Damping_MtrNm_M_f32=max
TS2.54EOTActuatorMng_Damping_MtrNm_M_f32=zero
TS2.55EOTActuatorMng_Damping_MtrNm_M_f32=neg
TS2.56EOTActuatorMng_Damping_MtrNm_M_f32=pos
TS2.57k_EOTOriginalImpactandSoftEnd_Cnt_Igc=min/default
TS2.58k_EOTOriginalImpactandSoftEnd_Cnt_Igc=max
TS2.59k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32=max
TS2.60k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32=max TS2.61k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32=pos/default TS2.62k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32=mid TS2.63EOTActuatorMng_OutputRampMultLtd_M_f32 = min TS2.64EOTActuatorMng_OutputRampMultLtd_M_f32 = max TS2.65EOTActuatorMng_OutputRampMultLtd_M_f32 = mid TS2.67All max

Test Step 2.1 (Repeat Count = 1)		V
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789.052002	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1009317315	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.99000001	
k_EOTDefltPosition_HwDeg_u12p4	3200	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	
k_EOTDynConf_Uls_u8p8	0	
k_EOTEnterLPFKn_Cnt_u16	6544	
k_EOTExitLPFKn_Cnt_u16	111	
k_EOTImpSpdEn_Kph_u9p7	5376	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0	
k_EOTStateHwTrqLPFKn_Cnt_u16	3754	

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value k_MaxRackTrvl_HwDeg_u12p4 1776 14400 k_MinRackTrvl_HwDeg_u12p4 10848 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc k SpdlptScale MtrNmpRadpS u4p12 80 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 0 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 80 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 176 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 320 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 480 1424 t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1440 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1456 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1120 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3344 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3360 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3376 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1760 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5264 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5280 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5296 t2_EOTEnterGainY_Uls_u1p15[0][0] 0 t2_EOTEnterGainY_Uls_u1p15[0][1] 3 t2_EOTEnterGainY_Uls_u1p15[0][2] 5 t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0] 5 t2_EOTEnterGainY_Uls_u1p15[1][1] 6 t2_EOTEnterGainY_Uls_u1p15[1][2] 29 t2_EOTEnterGainY_Uls_u1p15[1][3] 288 t2_EOTEnterGainY_Uls_u1p15[2][0] 5 5 t2_EOTEnterGainY_Uls_u1p15[2][1] t2_EOTEnterGainY_Uls_u1p15[2][2] 20 t2 EOTEnterGainY Uls u1p15[2][3] 193 t2_EOTEnterGainY_Uls_u1p15[3][0] 7 t2_EOTEnterGainY_Uls_u1p15[3][1] t2_EOTEnterGainY_Uls_u1p15[3][2] 78 t2_EOTEnterGainY_Uls_u1p15[3][3] 763 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 76 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 108 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][0] 77 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 108 t2 EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 77 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 108 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 32 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 44 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 448 1120 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]$ t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 640 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]$ 1024 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 640 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4016 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 400 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 544 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 44 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 37 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 194 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 62 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 87 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 10 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 452 t EOTDmpVspd Kph u9p7[0] 3840 $t_EOTDmpVspd_Kph_u9p7[1]$ 11392 t_EOTDmpVspd_Kph_u9p7[2] 11520 $t_EOTDmpVspd_Kph_u9p7[3]$ 11648 t EOTEnterGainVspd Kph u9p7[0] 3840 t_EOTEnterGainVspd_Kph_u9p7[1] 11392 t EOTEnterGainVspd Kph u9p7[2] 11520 t_EOTEnterGainVspd_Kph_u9p7[3] 11648 t_SpdlptTblXTbl_HwDeg_u12p4[0] 224 $t_SpdIptTbIXTbI_HwDeg_u12p4[1]$ t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 400 $t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]$ 544

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

		• "	
Name	Input Value		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTblY_Uls_u2p14[0]	16		
t_TrqTblY_Uls_u2p14[1]	164		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888.109985		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950.544006		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.779999971		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	800.01001		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.100000001		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.996999979		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10.0100002		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACT$	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLimit_Mtr1000000000000000000000000000000000000$	target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$	target_EOTActuatorMng_Per1_HandWheelA	huth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwMDorque_HwNm_fractuatorMng_Per1_HwMDorque_H$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_instAp_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpeed_Kph_EOTActuatorMng_Per1_VehicleSpe$	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789.052002	789.052002 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	908572435	908572435 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	13007215	13007215 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.996999979	0.996999979 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.423065186	0.423065186 ± 0.0625	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	-
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	-
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	-

SES_NORMAL

-8.80000019

0.423065186

8.80000019

SES_NORMAL

-8.80000019 ± 0.00048828125

0.423065186 ± 0.0000390625

8.80000019 ± 0.00048828125

Test Step 2.2 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-6.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.040009	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	794568950	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-148981678	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.540000021	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.677999973	
k_EOTDefltPosition_HwDeg_u12p4	4800	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024	

 ${\sf EOTActuatorMng_SESState_Uls_M_enum}$

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1		Clab
Name	Input Value	
k_EOTDynConf_Uls_u8p8	5120	
k_EOTEnterLPFKn_Cnt_u16	3643	
k_EOTExitLPFKn_Cnt_u16	222	
k_EOTImpSpdEn_Kph_u9p7	5504	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	12.2399998	
LEOTStateHwTrqLPFKn_Cnt_u16	2436	
k_MaxRackTrvl_HwDeg_u12p4	3552	
k MinRackTrvl HwDeg u12p4	15456	
k_PosRampStep_HwDeg_u12p4	2016	
k SoftStopEOTEnable Cnt lgc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	80	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320	
	480	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]		
2_EOTEnterGainX_HwDeg_u12p4[0][3]	640	
2_EOTEnterGainX_HwDeg_u12p4[1][0]	496	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1472	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1488	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1504	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1136	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3392	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3408	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	3424	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1776	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5312	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5328	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5344	
2_EOTEnterGainY_Uls_u1p15[0][0]	4	
2_EOTEnterGainY_Uls_u1p15[0][1]	5	
2_EOTEnterGainY_Uls_u1p15[0][2]	10	
2_EOTEnterGainY_Uls_u1p15[0][3]	98	
2_EOTEnterGainY_Uls_u1p15[1][0]	5	
2_EOTEnterGainY_Uls_u1p15[1][1]	6	
2_EOTEnterGainY_Uls_u1p15[1][2]	39	
2_EOTEnterGainY_Uls_u1p15[1][3]	383	
t2_EOTEnterGainY_Uls_u1p15[2][0]	5	
t2_EOTEnterGainY_Uls_u1p15[2][1]	6	
	29	
2_EOTEnterGainY_Uls_u1p15[2][2]		
t2_EOTEnterGainY_Uls_u1p15[2][3]	288	
t2_EOTEnterGainY_Uls_u1p15[3][0]	7	
2_EOTEnterGainY_Uls_u1p15[3][1]	8	
t2_EOTEnterGainY_Uls_u1p15[3][2]	88	
2_EOTEnterGainY_Uls_u1p15[3][3]	859	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	16	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	22	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	92	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	130	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	92	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	130	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	16	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	22	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	480	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1136	
2_EOTPosDepDiripTblX_HwDeg_u12p4[0][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	656	
	1040	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]		
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	672	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4032	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	416	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	560	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	2	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	16	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	153	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	216	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	77	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	108	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	52	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	68	
EOTDmpVspd_Kph_u9p7[0]	3968	
	11776	
EOTDmpVspd_Kph_u9p7[1]		
_EOTDmpVspd_Kph_u9p7[2]	11904	
EEOTDmpVspd_Kph_u9p7[3]	12032	
t_EOTEnterGainVspd_Kph_u9p7[0]	3968	

2015-06-29, 18:06:03+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[1]	11776		
t_EOTEnterGainVspd_Kph_u9p7[2]	11904		
t_EOTEnterGainVspd_Kph_u9p7[3]	12032		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	48		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	240		
t_SpdIptTblYTbl_MtrRadpS_u12p4[0]	416		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	560		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	2048		
t_TrqTblY_Uls_u2p14[0]	33		
t_TrqTblY_Uls_u2p14[1]	328		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-500.440002		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	500.049988		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.319999993		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-200.029999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.200000003		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.328000009		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	8.02000046		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_AssisTEOTGain_Uls_AssisTEOTG$	target_EOTActuatorMng_Per1_AssistEOTGa	nin_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwt	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_EOTActuator$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelPos_Hwitzers and the property of the property$	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultRampMultLtd_InstAp_EOTActuatorMng_P$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpe$	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-6.77552032	-6.77551985 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.040009	300.040009 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	750758232	750758232 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-149678374	-149678374 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.328000009	0.328000009 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.349578857	0.349578857 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-6.77552032	-6.77551985 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.349578857	0.349578857 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	•

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-4.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567.25	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	579820585	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	130358968	

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value EOTActuatorMng_PrevEOTGain_Uls_M_f32 0.430000007 SES_NORMAL EOTActuatorMng_SESState_Uls_M_enum Rte_Inst_Ap_EOTActuatorMng target_Rte_Inst_Ap_EOTActuatorMng k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.633000016 k EOTDefltPosition_HwDeg_u12p4 6400 k_EOTDeltaTrqThrsh_HwNm_u9p7 896 k_EOTDynConf_Uls_u8p8 0 854 k_EOTEnterLPFKn_Cnt_u16 k_EOTExitLPFKn_Cnt_u16 333 $k_EOTImpSpdEn_Kph_u9p7$ 5632 $k_EOTO riginal Impact and Soft End_Cnt_lgc$ k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 16 2900009 k_EOTStateHwTrqLPFKn_Cnt_u16 9999 5328 k_MaxRackTrvl_HwDeg_u12p4 k_MinRackTrvl_HwDeg_u12p4 20400 5696 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 81 k SpdlptScale MtrNmpRadpS u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 800 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 960 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1120 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 1280 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 512 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1520 t2 EOTEnterGainX_HwDeg_u12p4[1][2] 1536 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1552 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1152 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3440 t2 EOTEnterGainX HwDeg u12p4[2][2] 3456 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3472 t2 EOTEnterGainX HwDeg u12p4[3][0] 1792 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5360 t2 EOTEnterGainX HwDeg u12p4[3][2] 5376 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5392 t2_EOTEnterGainY_Uls_u1p15[0][0] 5 t2_EOTEnterGainY_Uls_u1p15[0][1] 5 t2_EOTEnterGainY_Uls_u1p15[0][2] 20 193 t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0] 6 t2 EOTEnterGainY_Uls_u1p15[1][1] 6 t2_EOTEnterGainY_Uls_u1p15[1][2] 49 t2_EOTEnterGainY_Uls_u1p15[1][3] 478 t2_EOTEnterGainY_Uls_u1p15[2][0] 5 t2_EOTEnterGainY_Uls_u1p15[2][1] 6 t2_EOTEnterGainY_Uls_u1p15[2][2] 39 t2_EOTEnterGainY_Uls_u1p15[2][3] 383 t2_EOTEnterGainY_Uls_u1p15[3][0] 7 t2_EOTEnterGainY_Uls_u1p15[3][1] 8 t2_EOTEnterGainY_Uls_u1p15[3][2] 98 t2_EOTEnterGainY_Uls_u1p15[3][3] 954 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0] 44 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 32 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 16 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 22 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 26 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 62 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 87 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1152 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 672 1056 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 704 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4048 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 432 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 576 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 4 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][1] 32 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 12 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 88 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 92 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 130 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 99

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	698		
t_EOTDmpVspd_Kph_u9p7[0]	4096		
t_EOTDmpVspd_Kph_u9p7[1]	12160		
t_EOTDmpVspd_Kph_u9p7[2]	12288		
t_EOTDmpVspd_Kph_u9p7[3]	12416		
t_EOTEnterGainVspd_Kph_u9p7[0]	4096		
t_EOTEnterGainVspd_Kph_u9p7[1]	12160		
t_EOTEnterGainVspd_Kph_u9p7[2]	12288		
t_EOTEnterGainVspd_Kph_u9p7[3]	12416		
t_SpdIptTblXTbl_HwDeg_u12p4[0]	32		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	256		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	432		
t_SpdIptTblYTbl_MtrRadpS_u12p4[1]	576		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	49		
t_TrqTbIY_Uls_u2p14[1]	492		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-775.780029		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	850.21698		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.819999993		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	700.049988		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.300000012		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.449000001		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	11.0299997		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTE	Damping_ target_EOTActuatorMng_Per1_	AssistEOTDamping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTG	Gain_Uls_ target_EOTActuatorMng_Per1_	AssistEOTGain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTL	.imit_Mtrl target_EOTActuatorMng_Per1_	AssistEOTLimit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_H	lwDeg_f3 target_EOTActuatorMng_Per1_	CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_	Cnt_lgc target_EOTActuatorMng_Per1_	CcwFound_Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT Hv	vDeg f32 target_EOTActuatorMng_Per1_	CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_C	Cnt_lgc target_EOTActuatorMng_Per1_	CwFound_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable	e_Cnt_lgc target_EOTActuatorMng_Per1_	EOTDisable_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheel$	Auth_Uls target_EOTActuatorMng_Per1_	HandWheelAuth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheel	Pos_Hwl target_EOTActuatorMng_Per1_	HandWheelPos_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_	HwNm_f: target_EOTActuatorMng_Per1_	HwTorque_HwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_M	ItrRadpS target_EOTActuatorMng_Per1_	MotorVel_MtrRadpS_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRam	pMultLtd_ target_EOTActuatorMng_Per1_	OutputRampMultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpe	ed Kph target_EOTActuatorMng_Per1_	VehicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Resul
EOTActuatorMng Damping MtrNm M f32	-4.76742029	-4.76741982 ± 0.0000390625	11000
EOTActuatorMng EOTImpactPos HwDeg M f32	567.25	567.25 ± 0.0000390625	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	572430069	572430069 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	110470957	110470957 ± 1	
EOTActuatorMng OutputRampMultLtd M f32	0.449000001	0.449000001 ± 0.00390625	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.266540527	0.266540527 ± 0.0625	
EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	
target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32.value	-4.76742029	-4.76741982 ± 0.00048828125	
target_EOTActuatorMing_Peri_AssistEOTOair_Lills_f00.uslus	-4.70742029	-4.76741962 ± 0.00046626125	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	✓

0.266540527

8.80000019

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0.266540527 ± 0.0000390625

8.80000019 ± 0.00048828125



Fest Step 2.4 (Repeat Count = 1)	Input Value
lame	-2.7999995
OTActuatorMng_Damping_MtrNm_M_f32 OTActuatorMng_EOTImpactPos_HwDeg_M_f32	-2.79999995 456.540009
OTActuatorMng_EOTImpactPos_nwDeg_M_is2	365072220
OTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-111736259
OTActuatorMng_PrevEOTGain_Uls_M_f32	0.31999993
OTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
_EOTActiveRegionBypassMaxThresh_Uls_f32	0.284000009
_EOTDefltPosition_HwDeg_u12p4	8000
_EOTDeltaTrqThrsh_HwNm_u9p7	768
_EOTDynConf_Uls_u8p8	10240
_EOTEnterLPFKn_Cnt_u16 EOTExitLPFKn Cnt u16	799 444
_EOTImpSpdEn_Kph_u9p7	5760
_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	20.3400002
_EOTStateHwTrqLPFKn_Cnt_u16	8888
_MaxRackTrvl_HwDeg_u12p4	7104
_MinRackTrvl_HwDeg_u12p4	15616
_PosRampStep_HwDeg_u12p4	10816
_SoftStopEOTEnable_Cnt_lgc	1
_SpdlptScale_MtrNmpRadpS_u4p12	81
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
2_EOTEnterGainX_HwDeg_u12p4[0][1]	1600
2_EOTEnterGainX_HwDeg_u12p4[0][2] 2_EOTEnterGainX_HwDeg_u12p4[0][3]	1760 1920
2_EOTEnterGainX_HwDeg_u12p4[0][3]	528
2_EOTEnterGainX_HwDeg_u12p4[1][0]	1568
2_EOTEnterGainX_HwDeg_u12p4[1][2]	1584
contenterGainX_HwDeg_u12p4[1][3]	1600
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1168
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3488
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3504
2_EOTEnterGainX_HwDeg_u12p4[2][3]	3520
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1808
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5408
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5424
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5440
2_EOTEnterGainY_Uls_u1p15[0][0]	5
2_EOTEnterGainY_Uls_u1p15[0][1] 2_EOTEnterGainY_Uls_u1p15[0][2]	6 29
2_EOTEnterGain1_0is_u1p15[0][2] 2_EOTEnterGainY_Uls_u1p15[0][3]	288
2_EOTEnterGainT_UIs_u1p15[0][0]	6
contenterGainY_Uls_u1p15[1][1]	7
2_EOTEnterGainY_Uls_u1p15[1][2]	59
2_EOTEnterGainY_Uls_u1p15[1][3]	573
2_EOTEnterGainY_Uls_u1p15[2][0]	6
2_EOTEnterGainY_Uls_u1p15[2][1]	6
2_EOTEnterGainY_Uls_u1p15[2][2]	49
2_EOTEnterGainY_Uls_u1p15[2][3]	478
2_EOTEnterGainY_Uls_u1p15[3][0]	8
2_EOTEnterGainY_Uls_u1p15[3][1]	8
2_EOTEnterGainY_Uls_u1p15[3][2]	108
2_EOTEnterGainY_Uls_u1p15[3][3]	1049
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	76 108
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	108 122
2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0pTo[1][0] 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1]	173
2_EOTEXPOSDEpDmpTblY_MtrNmpRadps_u0p16[2][0]	122
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	173
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	77
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	108
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	544
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1168
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	688
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1072
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	784
	1.00
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4064
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4064 448 592

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	11		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	102		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	4		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	713		
t_EOTDmpVspd_Kph_u9p7[0]	4224		
t_EOTDmpVspd_Kph_u9p7[1]	12544		
t_EOTDmpVspd_Kph_u9p7[2]	12672		
t_EOTDmpVspd_Kph_u9p7[3]	12800		
t_EOTEnterGainVspd_Kph_u9p7[0]	4224		
t_EOTEnterGainVspd_Kph_u9p7[1]	12544		
t_EOTEnterGainVspd_Kph_u9p7[2]	12672		
t_EOTEnterGainVspd_Kph_u9p7[3]	12800		
t_SpdIptTblXTbl_HwDeg_u12p4[0]	16		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	272		
t_SpdIptTblYTbl_MtrRadpS_u12p4[0]	448		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	592		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTblY_Uls_u2p14[0]	66		
t_TrqTbIY_UIs_u2p14[1]	655		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-666.450012		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	0		
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	777.539978		
target EOTActuatorMng Per1 CwFound Cnt Igc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.449999988		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-600.039978		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-5.0999999		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.40000006		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.136000007		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	15.04		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamp		OTDamping MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDe			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg	0		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Ig	_ ' - '- '- '- '-		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt	· · · · · · · · · · · · · · · · · · ·		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwN			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRa			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMul			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_K		. – –	
Name	Actual Value	Expected Value	Resu
	-2.75932002	· ·	Kesu
EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	-2.75932002 456.540009	-2.75932002 ± 0.0000390625 456.540009 ± 0.0000390625	
EOTActuatorMag_FiltEOTGainSV_HwNm_M_u1p31	360851902	360851902 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-84983379	-84983379 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.136000007	0.136000007 ± 0.00390625	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.168029785	0.168029785 ± 0.0625	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-2.75932002	-2.75932002 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.168029785	0.168029785 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	· · · · · · · · · · · · · · · · · · ·



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Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-0.800000012
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	345.653992
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1997159793
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	93113549
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.20999993
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.81099999
k_EOTDefltPosition_HwDeg_u12p4	9600
k_EOTDeltaTrqThrsh_HwNm_u9p7	640
k_EOTDynConf_Uls_u8p8	12800
k_EOTEnterLPFKn_Cnt_u16	600
k_EOTExitLPFKn_Cnt_u16	555
k_EOTImpSpdEn_Kph_u9p7	5888
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	24.3899994
k_EOTStateHwTrqLPFKn_Cnt_u16	7777
k_MaxRackTrvl_HwDeg_u12p4	8880
k_MinRackTrvl_HwDeg_u12p4	14336
k_PosRampStep_HwDeg_u12p4	4096
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	82
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	544
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1632
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1648
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1184
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3536
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3552
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3568
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1824
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5456
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5472
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5488
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	39
t2_EOTEnterGainY_UIs_u1p15[0][3]	383
t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	69
t2_EOTEnterGainY_Uls_u1p15[1][3]	668
t2_EOTEnterGainY_Uls_u1p15[2][0]	6
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	59
t2_EOTEnterGainT_Uis_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3]	573
t2_EOTEnterGainT_Uis_u1p15[2][0]	8
t2_EOTEnterGainY_Uis_u1p15[3][0]	9
12_LOTEM61Gail11_Olo_u1p10[0][1]	J

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

	I		
Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][2]	118		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1144 62		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	87		
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	137		
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][1]	194		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	137		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	194		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	92		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	130		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	576		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1184		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	704		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	768		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4080		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	464		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	9		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	62		
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	173		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	103		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	728		
t_EOTDmpVspd_Kph_u9p7[0]	4352		
t_EOTDmpVspd_Kph_u9p7[1]	12928		
t_EOTDmpVspd_Kph_u9p7[2]	13056		
t_EOTDmpVspd_Kph_u9p7[3]	13184		
t_EOTEnterGainVspd_Kph_u9p7[0]	4352		
t_EOTEnterGainVspd_Kph_u9p7[1]	12928		
t_EOTEnterGainVspd_Kph_u9p7[2]	13056		
t_EOTEnterGainVspd_Kph_u9p7[3]	13184		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	288		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	464		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	608		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1280 82		
t_TrqTbIY_UIs_u2p14[0] t_TrqTbIY_UIs_u2p14[1]	819		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-665.140015		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	750.14502		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.82999983		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	600.070007		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	5.0999999		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.5		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.477999985		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	16.0499992		
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	0 - 0		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3			
target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_C		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32		·-	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd		· -	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-0.751219988	-0.751219988 ± 0.0000390625	V
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600	600 ± 0.0000390625	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1979105193	1979105193 ± 1	-
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	92219194	92219194 ± 1	•
EOTActuatorMng OutputRampMultLtd M f32	0.477999985	0.477999985 ± 0.00390625	_

0.477999985

 $EOTActuator Mng_Output Ramp Mult Ltd_M_f32$

0.477999985 ± 0.00390625

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.921569824	0.921569824 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-0.751219988	-0.751219988 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.921569824	0.921569824 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.570556641	0.570556641 ± 0.00048828125	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

v de la companya de
nput Value
20000005
34.052002
782411428
74490839
310000002

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAACICAG
Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[1][2]	78
t2_EOTEnterGainY_Uls_u1p15[1][3]	763
t2_EOTEnterGainY_Uls_u1p15[2][0]	6
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	69
t2_EOTEnterGainY_Uls_u1p15[2][3]	668
t2_EOTEnterGainY_Uls_u1p15[3][0]	8
t2_EOTEnterGainY_Uls_u1p15[3][1]	9
t2_EOTEnterGainY_Uls_u1p15[3][2]	127
12_EOTEnterGainY_Uls_u1p15[3][3]	1239
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1]	77 108
t2_EOTEXPOSDEpDmpTbIY_MtrNmpRadps_u0p16[0][1] t2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0]	153
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	153
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	216
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	107
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	151
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	608
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1200
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	720
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1104
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4096
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	480
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	624
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	11
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	77
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	213
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	302
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	137
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	194 74
:2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] :2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	105
t_EOTDmpVspd_Kph_u9p7[0]	4480
t_EOTDmpVspd_Kph_u9p7[1]	13312
t_EOTDmpVspd_Kph_u9p7[2]	13440
t_EOTDmpVspd_Kph_u9p7[3]	13568
t_EOTEnterGainVspd_Kph_u9p7[0]	4480
t_EOTEnterGainVspd_Kph_u9p7[1]	13312
t_EOTEnterGainVspd_Kph_u9p7[2]	13440
t_EOTEnterGainVspd_Kph_u9p7[3]	13568
t_SpdlptTblXTbl_HwDeg_u12p4[0]	144
t_SpdlptTblXTbl_HwDeg_u12p4[1]	304
SpdlptTblYTbl_MtrRadpS_u12p4[0]	480
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	624
t_TrqTableX_HwNm_u8p8[0]	256
:_TrqTableX_HwNm_u8p8[1]	1024
t_TrqTbIY_Uls_u2p14[0]	16
t_TrqTblY_Uls_u2p14[1]	98
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-555.349976
arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	0
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0 0.230000004
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-500.170013
arget_EOTActuatorMng_Per1_mandvvneeiPos_mwbeg_isz.value arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	1.10000002
arget_EOTActuatorMng_Per1_mwTorque_mwNn1_isz.value	-0.60000024
arget EOTActuatorMng Per1 OutputRampMultLtd Uls f32.value	0.953000009
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	17.0599995
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	, , , , , , , , , , , , , , , , , , , ,
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrl	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig	target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	s target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32
torget Dte Inst An EOTAstusterMag EOTAstusterMag Dord HwTorgus HwNm f	f target FOTActuatorMng Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	talget_te // totalterming_r or / rerdue_r



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd	target_EOTActuatorMng_Per1_OutputRample	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.14312005	1.14312005 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	700	700 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1768837428	1768837428 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-68784743	-68784743 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.953000009	0.953000009 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.823669434	0.823669434 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.14312005	1.14312005 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.823669434	0.823669434 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.768750012	0.768750012 ± 0.00048828125	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.40997
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1567663063
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-55868129
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.529999971
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.660000026
k_EOTDefltPosition_HwDeg_u12p4	12800
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	17920
k_EOTEnterLPFKn_Cnt_u16	486
k_EOTExitLPFKn_Cnt_u16	777
k_EOTImpSpdEn_Kph_u9p7	6144
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	32.4900017
k_EOTStateHwTrqLPFKn_Cnt_u16	5555
k_MaxRackTrvl_HwDeg_u12p4	12432
k_MinRackTrvl_HwDeg_u12p4	18672
k_PosRampStep_HwDeg_u12p4	5536
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	82
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1152
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1296
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	576
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1712
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1728
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1744
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1216
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3632
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3648
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3664
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1856

2015-06-29, 18:06:03+0530



lamo	Input Value
lame 2 EOTEnterGainX HwDeg u12p4[3][1]	Input Value 5552
z_EOTEnterGainX_nwbeg_u1zp4[3][1] 2_EOTEnterGainX_Hwbeg_u12p4[3][2]	5568
	5584
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6
2_EOTEnterGainY_Uls_u1p15[0][0]	6 7
2_EOTEnterGainY_Uls_u1p15[0][1]	
2_EOTEnterGainY_Uls_u1p15[0][2]	59
2_EOTEnterGainY_Uls_u1p15[0][3]	573
2_EOTEnterGainY_Uls_u1p15[1][0]	7
2_EOTEnterGainY_Uls_u1p15[1][1]	8
2_EOTEnterGainY_Uls_u1p15[1][2]	88
2_EOTEnterGainY_Uls_u1p15[1][3]	859
2_EOTEnterGainY_Uls_u1p15[2][0]	7
2_EOTEnterGainY_Uls_u1p15[2][1]	7
2_EOTEnterGainY_Uls_u1p15[2][2]	78
2_EOTEnterGainY_Uls_u1p15[2][3]	763
2_EOTEnterGainY_Uls_u1p15[3][0]	9
2_EOTEnterGainY_Uls_u1p15[3][1]	9
2_EOTEnterGainY_Uls_u1p15[3][2]	137
2_EOTEnterGainY_Uls_u1p15[3][3]	1334
P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	92
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	130
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	168
P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	237
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	168
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	237
P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	122
2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[3][1]	173
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	640
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1216
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	736
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1120
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	832
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4112
	496
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	640
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	13
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	92
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	228
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	323
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	153
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	216
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	76
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	108
_EOTDmpVspd_Kph_u9p7[0]	4608
_EOTDmpVspd_Kph_u9p7[1]	13696
_EOTDmpVspd_Kph_u9p7[2]	13824
_EOTDmpVspd_Kph_u9p7[3]	13952
_EOTEnterGainVspd_Kph_u9p7[0]	4608
_EOTEnterGainVspd_Kph_u9p7[1]	13696
_EOTEnterGainVspd_Kph_u9p7[2]	13824
EOTEnterGainVspd_Kph_u9p7[3]	13952
SpdlptTblXTbl_HwDeg_u12p4[0]	128
_SpdlptTblXTbl_HwDeg_u12p4[1]	320
SpdIptTblYTbl_MtrRadpS_u12p4[0]	496
SpdIptTblYTbl_MtrRadpS_u12p4[1]	640
TrqTableX_HwNm_u8p8[0]	256
TrgTableX_HwNm_u8p8[1]	768
TrgTbIY_Uls_u2p14[0]	33
TrqTbIY_Uls_u2p14[1]	115
riget EOTActuatorMng Per1 CcwEOT HwDeg f32.value	-465.279999
liget_EOTActuatorMing_FeT1_CcwEOT_nwDeg_l52.value liget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	-405.27 9999 1
inget_EOTActuatorMing_FeTT_CcwFound_Cnt_igc.value	1440.10999
rget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.839999974
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	500.25
arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-1.20000005
arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.69999988
arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.186000004
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	18.0699997
	1 1 FOTA 1 1 M B 4 A 1 1 FOTB 1 M M M
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampi	ng_target_E01ActuatorMng_Per1_AssistE01Damping_MtrNm_f32



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
	target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VenicleSpeed_Rpn_	target_EOTActuatoriving_Peri_venicleSpeed	1_Kpn_f32	
target_Rte_inst_Ap_EUTActuatorwing.EUTActuatorwing_Per1_VenicleSpeed_Rpn_ Name	Actual Value	Expected Value	Result
			Result
Name	Actual Value	Expected Value	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32	Actual Value 3.13502002	Expected Value 3.13502002 ± 0.0000390625	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	Actual Value 3.13502002 800	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	Actual Value 3.13502002 800 1556316421	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625 1556316421 ± 1	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	Actual Value 3.13502002 800 1556316421 -52835099	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625 1556316421 ± 1 -52835099 ± 1	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 EOTActuatorMng_OutputRampMultLtd_M_f32	Actual Value 3.13502002 800 1556316421 -52835099 0.186000004	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625 1556316421 ± 1 -52835099 ± 1 0.186000004 ± 0.00390625	Result
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 EOTActuatorMng_OutputRampMultLtd_M_f32 EOTActuatorMng_PrevEOTGain_Uls_M_f32	Actual Value 3.13502002 800 1556316421 -52835099 0.186000004 0.724700928	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625 1556316421 ± 1 -52835099 ± 1 0.186000004 ± 0.00390625 0.724700928 ± 0.0625	Result ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 EOTActuatorMng_OutputRampMultLtd_M_f32 EOTActuatorMng_PrevEOTGain_Uls_M_f32 EOTActuatorMng_SESState_Uls_M_enum	Actual Value 3.13502002 800 1556316421 -52835099 0.186000004 0.724700928 SES_DISABLED	Expected Value 3.13502002 ± 0.0000390625 800 ± 0.0000390625 1556316421 ± 1 -52835099 ± 1 0.186000004 ± 0.00390625 0.724700928 ± 0.0625 SES_DISABLED	Result

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	-

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	5.19999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	999.140015
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1352914698
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	37245420
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.639999986
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.734000027
k_EOTDefltPosition_HwDeg_u12p4	1776
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	20480
k_EOTEnterLPFKn_Cnt_u16	400
k_EOTExitLPFKn_Cnt_u16	888
k_EOTImpSpdEn_Kph_u9p7	6272
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	36.5400009
k_EOTStateHwTrqLPFKn_Cnt_u16	4444
k_MaxRackTrvl_HwDeg_u12p4	14208
k_MinRackTrvl_HwDeg_u12p4	6160
k_PosRampStep_HwDeg_u12p4	7456
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	83
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1632
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1776
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	592

2015-06-29, 18:06:03+0530



Name	Input Value	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1760	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1776	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1792	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1232	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3680 3696	
t2_EOTEnterGainX_HwDeg_u12p4[2][2] t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3712	
t2_EOTEInterGainX_11WDeg_u12p4[3][0]	1872	
t2_EOTEnterGainX_1WDeg_u12p4[3][1]	5600	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5616	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5632	
12_EOTEnterGainY_Uls_u1p15[0][0]	6	
t2_EOTEnterGainY_Uls_u1p15[0][1]	69	
12_EOTEnterGainY_Uls_u1p15[0][2]	7	
2_EOTEnterGainY_Uls_u1p15[0][3]	668	
2_EOTEnterGainY_Uls_u1p15[1][0]	7	
2_EOTEnterGainY_Uls_u1p15[1][1]	8	
2_EOTEnterGainY_Uls_u1p15[1][2]	98	
2_EOTEnterGainY_Uls_u1p15[1][3]	954	
2_EOTEnterGainY_Uls_u1p15[2][0]	7	
2_EOTEnterGainY_Uls_u1p15[2][1]	8	
2_EOTEnterGainY_Uls_u1p15[2][2]	88	
2_EOTEnterGainY_Uls_u1p15[2][3]	859	
12_EOTEnterGainY_Uls_u1p15[3][0]	9	
2_EOTEnterGainY_Uls_u1p15[3][1]	10	
2_EOTEnterGainY_Uls_u1p15[3][2]	147	
t2_EOTEnterGainY_Uls_u1p15[3][3]	1429 107	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	151	
:2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] :2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	183	
2_EOTEXPOSDEPDITIFISH _with hip tadps_dop to[1][0] 2_EOTEXPOSDEPDITIFISH _with hip tadps_dop to[1][0]	259	
2_EOTEXR 03DepDmpTblY_MtrNmpRadps_u0p16[1][1]	183	
2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][1]	259	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	137	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	194	
12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	672	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1232	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	752	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1136	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	864	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4128	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	512	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	656	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	107	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	151	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	243	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	345	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	168	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	237	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	77	
:2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] : EOTDmpVspd Kph u9p7[0]	110 4736	
:_EOTDmpVspd_Kph_u9p7[i] :_EOTDmpVspd_Kph_u9p7[1]	14080	
_EOTDmpVspd_Kph_u9p7[1] _EOTDmpVspd_Kph_u9p7[2]	14080	
_EOTDmpVspd_Kph_u9p7[2] _EOTDmpVspd_Kph_u9p7[3]	14336	
EOTEnterGainVspd Kph u9p7[0]	4736	
_EOTEnterGainVspd_Kph_u9p7[1]	14080	
EEOTEnterGainVspd_Kph_u9p7[2]	14208	
_EOTEnterGainVspd_Kph_u9p7[3]	14336	
SpdIptTblXTbl_HwDeg_u12p4[0]	112	
_SpdlptTblXTbl_HwDeg_u12p4[1]	336	
SpdlptTblYTbl_MtrRadpS_u12p4[0]	512	
_SpdlptTblYTbl_MtrRadpS_u12p4[1]	656	
_TrqTableX_HwNm_u8p8[0]	0	
_TrqTableX_HwNm_u8p8[1]	512	
TrqTblY_Uls_u2p14[0]	49	
_TrqTblY_Uls_u2p14[1]	131	
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-444.160004	
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0	
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1000.20001	
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1.	
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1	
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.87999995	

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530



5.12692022 ± 0.00048828125

0.62612915 ± 0.0000390625

8.80000019 ± 0.00048828125

EOTActuatorMng_Per1

Name	Input Value		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-400.350006		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	2.29999995		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.800000012		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.829999983		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	19.0499992		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_MtrNer(Ap) = 0.0000000000000000000000000000000000$	target_EOTActuatorMng_Per1_AssistEOTLin	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwI	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgeneration and the property of the pro$	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDATORMng_Per1_OutputRampMultDAT$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.12691975	5.12692022 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	999.140015	999.140015 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1344659898	1344659898 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	32108156	32108156 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.829999983	0.829999983 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.62612915	0.62612915 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓
FOTA M. D A FOTD MAN			

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

5.12691975

0.62612915

8.80000019

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	7.1999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	666.97998
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	493921239
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	159383552
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.75
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0939999968
k_EOTDefltPosition_HwDeg_u12p4	3552
k_EOTDeltaTrqThrsh_HwNm_u9p7	128
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	300
k_EOTExitLPFKn_Cnt_u16	1234
k_EOTImpSpdEn_Kph_u9p7	6400
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	40.5900002
k_EOTStateHwTrqLPFKn_Cnt_u16	3333
k_MaxRackTrvl_HwDeg_u12p4	15984
k_MinRackTrvl_HwDeg_u12p4	13680
k_PosRampStep_HwDeg_u12p4	10976
k_SoftStopEOTEnable_Cnt_lgc	1

2015-06-29, 18:06:03+0530



put Value 0 8 8 8 08 24 40 44 60 88 48 64 80 88 48 64 80
0 8 8 8 08 24 40 48 28 44 60 88 48 64 80
0
0
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
8 08 24 40 48 28 44 60 88 48 64 80 8 44 67
08 24 40 48 28 44 60 88 48 64 80 8 4 7
24 40 48 28 44 60 88 48 64 80 8 49
40 48 28 44 60 88 48 64 80 8 8 49
48 28 44 60 88 48 64 80 8 49 4
28 44 60 88 48 64 80 8 49 4
44 60 88 48 64 80 88 49 49
60 88 48 64 80 3 8 49
88 48 64 80 8 8 49 49 4
48 64 80 3 8 49
64 80 3 8 49
80 3 8 4 4
3 8 49 4
3 8 49 4
3 8 49 4
3 8 49 4
8 49 4
49 4 7
49 4 7
49 4 7
4 7
4 7
4 7
4 7
7
7
7
24
2
3
8
0
8
0
3
6
4
48
52
44
64
464
592 720
720 64
464 592
720
6
92
8 5 6 4 8 2 2 9 6 3 9 2 8 6 4 5 7 6 4 5 7 2 8 2

EOTActuatorMng_PrevEOTGain_Uls_M_f32

target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

EOTActuatorMng_SESState_Uls_M_enum

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	100.054001		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.550000012		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-400.450012		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-3.4000001		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.109999999		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.644999981		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	1.11000001		
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuator$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_AssistEOTAct$	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLir	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	/Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Ci	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcolor=0.00000000000000000000000000000000000$	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Rte_InstAp_EOTActuatorMng_Per1_HandWhe$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelF	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.11881971	7.11882019 ± 0.0000390625	-
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	666.97998	666.97998 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	491889339	491889339 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	154177406	154177406 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.644999981	0.644999981 ± 0.00390625	•

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	•
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.229034424

7.11881971

0.229034424

8.80000019

SES_NORMAL

0.229034424 ± 0.0625

7.11882019 ± 0.00048828125

0.229034424 ± 0.0000390625

8.80000019 ± 0.00048828125

SES_NORMAL

Test Step 2.10 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	0	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	279172874	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-142606336	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.860000014	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.075000003	
k_EOTDefltPosition_HwDeg_u12p4	5328	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	
k_EOTDynConf_Uls_u8p8	25600	
k_EOTEnterLPFKn_Cnt_u16	200	
k_EOTExitLPFKn_Cnt_u16	2345	
k_EOTImpSpdEn_Kph_u9p7	6528	

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value k EOTOriginalImpactandSoftEnd Cnt lgc 44.6399994 $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ k EOTStateHwTrqLPFKn_Cnt_u16 2222 k_MaxRackTrvl_HwDeg_u12p4 16000 k MinRackTrvl HwDeg_u12p4 6192 k_PosRampStep_HwDeg_u12p4 2624 k SoftStopEOTEnable Cnt lgc 84 $k_SpdIptScale_MtrNmpRadpS_u4p12$ t2_EOTEnterGainX_HwDeg_u12p4[0][0] 160 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 352 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 480 720 t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] 624 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1856 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1872 1888 t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1264 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3776 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3792 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3808 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1904 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5696 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5712 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5728 t2 EOTEnterGainY_Uls_u1p15[0][0] t2_EOTEnterGainY_Uls_u1p15[0][1] 8 t2_EOTEnterGainY_Uls_u1p15[0][2] 88 t2_EOTEnterGainY_Uls_u1p15[0][3] 859 t2 EOTEnterGainY Uls u1p15[1][0] 8 t2_EOTEnterGainY_Uls_u1p15[1][1] 9 t2_EOTEnterGainY_Uls_u1p15[1][2] 118 t2_EOTEnterGainY_Uls_u1p15[1][3] 1144 t2 EOTEnterGainY Uls u1p15[2][0] 8 t2_EOTEnterGainY_Uls_u1p15[2][1] 8 t2_EOTEnterGainY_Uls_u1p15[2][2] 108 t2_EOTEnterGainY_Uls_u1p15[2][3] 1049 t2_EOTEnterGainY_Uls_u1p15[3][0] 10 t2_EOTEnterGainY_Uls_u1p15[3][1] 10 t2_EOTEnterGainY_Uls_u1p15[3][2] 167 t2 _EOTEnterGainY_Uls_u1p15[3][3] 1619 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 194 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 213 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 302 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]$ 213 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 302 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[3][0] 168 237 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 736 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1264 t2 EOTPosDepDmpTblX HwDeg u12p4[1][0] 784 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1168 t2 EOTPosDepDmpTblX HwDeg u12p4[2][0] 928 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4160 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 544 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 688 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 137 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 194 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 274 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 388 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 198 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 280 $t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0]$ 804 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 114 t_EOTDmpVspd_Kph_u9p7[0] 4992 t_EOTDmpVspd_Kph_u9p7[1] 14848 t_EOTDmpVspd_Kph_u9p7[2] 14976 t EOTDmpVspd Kph u9p7[3] 15104 t_EOTEnterGainVspd_Kph_u9p7[0] 4992 t_EOTEnterGainVspd_Kph_u9p7[1] 14848 t_EOTEnterGainVspd_Kph_u9p7[2] 14976 t_EOTEnterGainVspd_Kph_u9p7[3] 15104 $t_SpdIptTblXTbl_HwDeg_u12p4[0]$ 80

2015-06-29, 18:06:03+0530



1 0 H ITH VITH H B 10 MM			
t_SpdlptTblXTbl_HwDeg_u12p4[1]	368		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	544		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	688		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTblY_Uls_u2p14[0]	82		
t_TrqTblY_Uls_u2p14[1]	164		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	444.040985		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.439999998		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-300.26001		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	4.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.129999995		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0960000008		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	2.11999989		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampin	g_ target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U	s_ target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_M	rt target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_	f3 target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lg	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igo	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_l	lls target_EOTActuatorMng_Per1_HandWheelA	Auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H	wl target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm	f target_EOTActuatorMng_Per1_HwTorque_F	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadp	S target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultL	d_target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kpl	_ target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.00038482665	0.000384826999 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971	555.469971 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	278492874	278492874 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-140331008	-140331008 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0960000008	0.0960000008 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.129669189	0.129669189 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0.00038482665	0.000384826999 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.129669189	0.129669189 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	-

Test Step 2.11 (Repeat Count = 1)		√
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	1	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	444.153992	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2040109466	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	142606336	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.870000005	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.595000029	

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



EOTACIDAIONING_PELL	
Name	Input Value
k_EOTDefltPosition_HwDeg_u12p4	7104
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024
k_EOTDynConf_Uls_u8p8	0
<_EOTEnterLPFKn_Cnt_u16	100
<_EOTExitLPFKn_Cnt_u16	3456
x_EOTImpSpdEn_Kph_u9p7	6656
<pre><_EOTOriginalImpactandSoftEnd_Cnt_lgc</pre>	0
x_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	48.6899986
<pre>c_EOTStateHwTrqLPFKn_Cnt_u16</pre>	1111
MaxRackTrvl HwDeg u12p4	17776
MinRackTrvl HwDeg u12p4	12064
PosRampStep HwDeg u12p4	12256
<pre>c_ ostampetopmseg_atzp. c_SoftStopEOTEnable_Cnt_lgc</pre>	1
<pre><_Gontolope=12ndsig=ont_igg</pre> <pre><_SpdIptScale_MtrNmpRadpS_u4p12</pre>	84
2_EOTEnterGainX_HwDeg_u12p4[0][0]	800
2_EOTEnterGainX_HwDeg_u12p4[0][1]	960
2_EOTEINE/GainX_HwDeg_u12p4[0][1] 2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120
	1280
2_EOTEnterGainX_HwDeg_u12p4[0][3]	640
2_EOTEnterGainX_HwDeg_u12p4[1][0]	
2_EOTEnterGainX_HwDeg_u12p4[1][1]	1904
2_EOTEnterGainX_HwDeg_u12p4[1][2]	1920
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1936
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1280
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3824
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3840
2_EOTEnterGainX_HwDeg_u12p4[2][3]	3856
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1920
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5744
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5760
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5776
2_EOTEnterGainY_Uls_u1p15[0][0]	7
2_EOTEnterGainY_Uls_u1p15[0][1]	8
2_EOTEnterGainY_Uls_u1p15[0][2]	98
2_EOTEnterGainY_Uls_u1p15[0][3]	954
2_EOTEnterGainY_Uls_u1p15[1][0]	8
2_EOTEnterGainY_Uls_u1p15[1][1]	9
2_EOTEnterGainY_Uls_u1p15[1][2]	127
2_EOTEnterGainY_Uls_u1p15[1][3]	1239
2_EOTEnterGainY_Uls_u1p15[2][0]	8
2_EOTEnterGainY_Uls_u1p15[2][1]	9
	118
2_EOTEnterGainY_Uls_u1p15[2][3]	1144
2_EOTEnterGainY_Uls_u1p15[3][0]	10
2_EOTEnterGainY_Uls_u1p15[3][1]	10
2_EOTEItierGain1_Uis_u1p15[3][1] 2_EOTEnterGainY_Uls_u1p15[3][2]	176
2_EOTEnterGainY_Uls_u1p15[3][3]	1714
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	153
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	216
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	228
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	323
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	228
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	323
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	183
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	259
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	768
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1280
2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	800
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1184
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4176
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	320
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	704
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	22
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	153
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	289
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	409
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	213
2_EOTP osDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	302
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	116
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	819
_EOTDmpVspd_Kph_u9p7[0]	5120
_EOTDmpVspd_Kph_u9p7[1]	15232
_EOTDmpVspd_Kph_u9p7[2]	15360

2015-06-29, 18:06:03+0530



EOTActuatorMng Per1 Input Value t_EOTDmpVspd_Kph_u9p7[3] 15488 5120 t_EOTEnterGainVspd_Kph_u9p7[0] 15232 t EOTEnterGainVspd Kph u9p7[1] t_EOTEnterGainVspd_Kph_u9p7[2] 15360 t EOTEnterGainVspd_Kph_u9p7[3] 15488 t_SpdlptTblXTbl_HwDeg_u12p4[0] 64 t_SpdlptTblXTbl_HwDeg_u12p4[1] 384 $t_SpdIptTbIYTbl_MtrRadpS_u12p4[0]$ 320 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 704 t_TrqTableX_HwNm_u8p8[0] 512 t_TrqTableX_HwNm_u8p8[1] 1280 t_TrqTblY_Uls_u2p14[0] 98 180 t_TrqTblY_Uls_u2p14[1] target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1000 09998 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 555.021973 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.870000005 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value 300.147003 target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value -4.5999999 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value -0.150000006 target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value 0.558000028 target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value 3.13000011 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTGain_Uls_target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32$ $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\ \hline target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ \hline$ target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwEOT_HwDeg_f32\\ \\ target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32\\ \\ target_EOTActuatorMng_F02\\ \\ target_EOTActuatorMng_EOTActuatorMng_F02\\ \\ target_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorM$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc

	= 0 3 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.902620018	0.902620018 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	444.153992	444.153992 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2037091966	2037091966 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	138881153	138881153 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.558000028	0.558000028 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.948577881	0.948577881 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0.902620018	0.902620018 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.948577881	0.948577881 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_f1 target_EOTActuatorMng_Per1_HwTorque_HwNm_f22 target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_MotorVel_MtrRadpS target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd target_EOTActuatorMng_Per1_VehicleSpeed Kph f32

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	•

Test Step 2.12 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	1.20000005

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	2015-06-29, 18:06:03+0530	Razorcat
Name	Input Value	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	111.353996	
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	1395864371	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-109051904	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.75999999	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0869999975	
k_EOTDefltPosition_HwDeg_u12p4	8880	
k_EOTDeltaTrqThrsh_HwNm_u9p7	896	
k_EOTDynConf_Uls_u8p8	30720	
k_EOTEnterLPFKn_Cnt_u16	111	
k_EOTExitLPFKn_Cnt_u16	999	
k_EOTImpSpdEn_Kph_u9p7	6784	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	52.7400017	
k_EOTStateHwTrqLPFKn_Cnt_u16	1000	
k_MaxRackTrvl_HwDeg_u12p4	10144	
k_MinRackTrvl_HwDeg_u12p4	6048	
k_PosRampStep_HwDeg_u12p4	12560	
k_SoftStopEOTEnable_Cnt_lgc	84	
k_SpdlptScale_MtrNmpRadpS_u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440	
t2_EOTEnterGainX_nwbeg_u12p4[0][0] t2_EOTEnterGainX_nwbeg_u12p4[0][1]	1760	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1920	
t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2000	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	656	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1952	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1968	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1984	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1296	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3872	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3888	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3904	
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1936	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5792	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5808	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5824	
t2_EOTEnterGainY_Uls_u1p15[0][0]	8	
t2_EOTEnterGainY_Uls_u1p15[0][1]	8	
t2_EOTEnterGainY_Uls_u1p15[0][2]	108	
t2_EOTEnterGainY_Uls_u1p15[0][3]	1049	
t2_EOTEnterGainY_Uls_u1p15[1][0]	9	
t2_EOTEnterGainY_Uls_u1p15[1][1]	9	
t2_EOTEnterGainY_Uls_u1p15[1][2]	137	
t2_EOTEnterGainY_Uls_u1p15[1][3]	1334	
t2_EOTEnterGainY_Uls_u1p15[2][0]	8	
t2_EOTEnterGainY_Uls_u1p15[2][1]	9	
t2_EOTEnterGainY_Uls_u1p15[2][2]	127	
t2_EOTEnterGainY_Uls_u1p15[2][3]	1239	
t2_EOTEnterGainY_Uls_u1p15[3][0]	10	
t2_EOTEnterGainY_Uls_u1p15[3][1]	11 186	
t2_EOTEnterGainY_Uls_u1p15[3][2] t2_EOTEnterGainY_Uls_u1p15[3][3]	180	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	168	
t2_EOTEXPosDepDmp1blY_MtrNmpRadps_u0p16[0][0] t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	237	
t2 EOTEXPosDepDmpTblY MtrNmpRadps_u0p16[0][1]	243	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	345	
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	243	
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	345	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	198	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	280	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	800	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1296	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	816	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1200	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	816	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4192	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	336	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	000	
12_20 11 005 0p5 11 p 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]		
	720	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	720 24	

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	228		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	323		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	528		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	834		
t_EOTDmpVspd_Kph_u9p7[0]	5248		
t_EOTDmpVspd_Kph_u9p7[1]	15616		
t_EOTDmpVspd_Kph_u9p7[2]	15744		
t_EOTDmpVspd_Kph_u9p7[3]	15872		
t_EOTEnterGainVspd_Kph_u9p7[0]	5248		
t_EOTEnterGainVspd_Kph_u9p7[1]	15616		
t_EOTEnterGainVspd_Kph_u9p7[2]	15744		
t_EOTEnterGainVspd_Kph_u9p7[3]	15872		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	48		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	400		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	336		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	720		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	1024		
t_TrqTblY_Uls_u2p14[0]	115		
t_TrqTbIY_UIs_u2p14[1]	197		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1342.02002		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	345.03299		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.899999976		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-22.7549992		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	7.4000001		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.170000002		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.913999975		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	4.13999987		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampiration that the property of the property$	g_ target_EOTActuatorMng_Per1	_AssistEOTDamping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U	s_ target_EOTActuatorMng_Per1_	_AssistEOTGain_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit M	trl target_EOTActuatorMng_Per1	_AssistEOTLimit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg	f3 target_EOTActuatorMng_Per1_	_CcwEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lo	c target_EOTActuatorMng_Per1_	_CcwFound_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_	32 target_EOTActuatorMng_Per1	_CwEOT_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igenerate (Continuous) and the properties of the continuous continuous and the continuous continu$	target_EOTActuatorMng_Per1_	_CwFound_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_	gc target_EOTActuatorMng_Per1	_EOTDisable_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_In$	Jls target_EOTActuatorMng_Per1	_HandWheelAuth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H	wl target_EOTActuatorMng_Per1	_HandWheelPos_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm	f target_EOTActuatorMng_Per1	_HwTorque_HwNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRad	s target_EOTActuatorMng_Per1	_MotorVel_MtrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLampMultMultLampMultMultMultMultMultMultMultMultMultMult$	target_EOTActuatorMng_Per1	_OutputRampMultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kp	target_EOTActuatorMng_Per1	_VehicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Result
FOTActuatorMng Damping MtrNm M f32	1 09452009	1.09451997 + 0.0000390625	

target_Rte_inst_Ap_EOTActuatorwing.EOTActuatorwing_PerT_verticleSpeed_Rpi1_	target_EOTActuatoriving_PerT_verticleSpeed	J_KDII_195	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.09452009	1.09451997 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	111.353996	111.353996 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1393616621	1393616621 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-109281904	-109281904 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.913999975	0.913999975 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.648925781	0.648925781 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.09452009	1.09451997 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.648925781	0.648925781 ± 0.0000390625	~
target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	~



Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	1.3999998
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	234.850006
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1181116006
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	109051904
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.00899999961
k_EOTDefltPosition_HwDeg_u12p4	10656
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	222
k_EOTExitLPFKn_Cnt_u16	1000
k_EOTImpSpdEn_Kph_u9p7	6912
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	56.7900009
k_EOTStateHwTrqLPFKn_Cnt_u16	900
k_MaxRackTrvl_HwDeg_u12p4	1056
k_MinRackTrvl_HwDeg_u12p4	7152
k_PosRampStep_HwDeg_u12p4	5840
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	85
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	q

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

	1		
Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	736		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	26		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	319		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	243		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	345		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	549		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	849		
t_EOTDmpVspd_Kph_u9p7[0]	5376		
t_EOTDmpVspd_Kph_u9p7[1]	16000		
t_EOTDmpVspd_Kph_u9p7[2]	16128		
t_EOTDmpVspd_Kph_u9p7[3]	16256		
t_EOTEnterGainVspd_Kph_u9p7[0]	5376		
t_EOTEnterGainVspd_Kph_u9p7[1]	16000		
t_EOTEnterGainVspd_Kph_u9p7[2]	16128		
t_EOTEnterGainVspd_Kph_u9p7[3]	16256		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	32		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	416		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	352		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	736		
t_TrqTableX_HwNm_u8p8[0]	1024		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTblY_Uls_u2p14[0]	131		
t_TrqTblY_Uls_u2p14[1]	213		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1000.03998		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	400.187012		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.889999986		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	200.149994		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-7.80000019		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.219999999		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.419999987		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	5.1500001		
target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_	target EOTActuatorMng Per1 AssistEOTDa	amping MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_0		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph			
	, <u>, , , , , , , , , , , , , , , , , , </u>		Dog::l4
Name FOTAstrata Mag Domning Mashin M 622	Actual Value	Expected Value	Result
EOTActuatorMag_Damping_MtrNm_M_f32	1.28641999	1.28641999 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	234.850006	234.850006 ± 0.0000390625	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1177369090	1177369090 ± 1	· ·
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	105757904	105757904 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.419999987	0.419999987 ± 0.00390625	· ·
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.548248291	0.548248291 ± 0.0625	*
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.28641999	1.28641999 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.548248291	0.548248291 ± 0.0000390625	
target E(1) ActuatorMag Port AccietE(1) Limit MtrNm f32 value			

8.80000019

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

8.80000019 ± 0.00048828125



Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	✓

Test Step 2.14 (Repeat Count = 1) Name	Input Value
	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	1.60000002 355.609985
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	966367642
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-92274688
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.54000021
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
c_EOTActiveRegionBypassMaxThresh_Uls_f32	0.395999998
<pre>c_EOTDefltPosition_HwDeg_u12p4</pre>	12432
c_EOTDeltaTrqThrsh_HwNm_u9p7	640
c_EOTDynConf_Uls_u8p8	35840
C_EOTEnterLPFKn_Cnt_u16	333
c_EOTExitLPFKn_Cnt_u16	6565
c_EOTImpSpdEn_Kph_u9p7	7040
c_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
C_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	60.8400002
c_EOTStateHwTrqLPFKn_Cnt_u16	800
c_MaxRackTrvl_HwDeg_u12p4	7616
c_MinRackTrvl_HwDeg_u12p4	10176
c_PosRampStep_HwDeg_u12p4	12384
c_SoftStopEOTEnable_Cnt_lgc	1
:_SpdIptScale_MtrNmpRadpS_u4p12	85
2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
2_EOTEnterGainX_HwDeg_u12p4[0][1]	352
2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
2_EOTEnterGainX_HwDeg_u12p4[0][3]	704
2_EOTEnterGainX_HwDeg_u12p4[1][0]	688
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2048
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2064
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2080
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1328
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3968
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3984
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4000
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1968
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5888
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5904
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5920
2_EOTEnterGainY_Uls_u1p15[0][0]	8
2_EOTEnterGainY_Uls_u1p15[0][1]	9
2_EOTEnterGainY_Uls_u1p15[0][2]	127
2_EOTEnterGainY_Uls_u1p15[0][3]	1239
2 EOTEnterGainY Uls u1p15[1][0]	9
2_EOTEING/GainY_Uls_u1p15[1][1]	10
2_EOTEING/GainY_Uls_u1p15[1][2]	157
2_EOTEINE/Gaint_Ois_u1p15[1][2] 2_EOTEINE/Gaint_Uls_u1p15[1][3]	1524
2 EOTEnterGainY Uls u1p15[2][0]	9
2_EOTETITEIGainT_Uis_u1p13[2][0] 2_EOTETITEIGainT_Uis_u1p15[2][1]	10
.z_EOTEnterGainT_0is_u1p15[2][1] .2_EOTEnterGainY_Uls_u1p15[2][2]	147
12_EOTEnterGainT_0is_u1p15[2][2] 12_EOTEnterGainY_Uls_u1p15[2][3]	147
	1429

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

•			
Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	11		
t2_EOTEnterGainY_Uls_u1p15[3][2]	206		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1999		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	198 280		
t2 EOTEXPosDepDmpTblY MtrNmpRadps_uop16[0][1]	274		
t2_EOTEXPosDepDrinpTblT_mitrNinpRadps_u0p16[1][0]	388		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	274		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	388		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	228		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	323		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	864		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1328		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	848		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	896		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	368		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	752		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	334		
t2_EOTPosDepDrinpTbit_MitNinpRadpS_u0p16[1][0] t2_EOTPosDepDrinpTbit_MtrNmpRadpS_u0p16[1][1]	474		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	366		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	86		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	571		
t_EOTDmpVspd_Kph_u9p7[0]	5504		
t_EOTDmpVspd_Kph_u9p7[1]	16384		
t_EOTDmpVspd_Kph_u9p7[2]	16512		
t_EOTDmpVspd_Kph_u9p7[3]	16640		
t_EOTEnterGainVspd_Kph_u9p7[0]	5504		
t_EOTEnterGainVspd_Kph_u9p7[1]	16384		
t_EOTEnterGainVspd_Kph_u9p7[2]	16512		
t_EOTEnterGainVspd_Kph_u9p7[3]	16640		
t_SpdIptTbIXTbI_HwDeg_u12p4[0]	16		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	432 368		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0] t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	752		
t_TrqTableX_HwNm_u8p8[0]	1536		
t_TrqTableX_HwNm_u8p8[1]	2048		
t_TrqTblY_Uls_u2p14[0]	147		
t_TrqTblY_Uls_u2p14[1]	229		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1100.01001		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	445.941986		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.69999988		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-100.889999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	8.89999962		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.239999995 0.129999995		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	6.15999985		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping		amping MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	· - ·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_C		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32	3		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgeneration and the property of the pro$			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng.Per1_HandWheelAuth_Rte_InstAp_EOTActuatorMn$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	=		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			D
Name FOTA de la standarda Demonina Markley M. 622	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.47832	1.47832 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	355.609985 961870144	355.609985 ± 0.0000390625 961870144 ± 1	
EOTActuatorMng_rittLOTGSIIISV_riWMin_M_crp51	-92970688	-92970688 ± 1	9

-92970688

-92970688 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_OutputRampMultLtd_M_f32	0.129999995	0.129999995 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.447875977	0.447875977 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.47832	1.47832 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.447875977	0.447875977 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	-

Test Step 2.15 (Repeat Count = 1)	and the second s
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	1.79999995
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	976.640015
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	751619277
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	92274688
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.319999993
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.331
k_EOTDefltPosition_HwDeg_u12p4	12928
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
k_EOTDynConf_Uls_u8p8	38400
k_EOTEnterLPFKn_Cnt_u16	444
k_EOTExitLPFKn_Cnt_u16	4533
k_EOTImpSpdEn_Kph_u9p7	7168
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	64.8899994
k_EOTStateHwTrqLPFKn_Cnt_u16	700
k_MaxRackTrvl_HwDeg_u12p4	19552
k_MinRackTrvl_HwDeg_u12p4	880
k_PosRampStep_HwDeg_u12p4	10288
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdIptScale_MtrNmpRadpS_u4p12	86
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	800
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	704
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2096
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2112
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2128
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1344
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4016
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4032
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4048
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1984
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5936
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5952
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5968
t2_EOTEnterGainY_Uls_u1p15[0][0]	9
t2_EOTEnterGainY_Uls_u1p15[0][1]	9
t2_EOTEnterGainY_Uls_u1p15[0][2]	137
t2_EOTEnterGainY_Uls_u1p15[0][3]	1334
t2_EOTEnterGainY_Uls_u1p15[1][0]	10
t2_EOTEnterGainY_Uls_u1p15[1][1]	10
t2_EOTEnterGainY_Uls_u1p15[1][2]	167

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAACILAG
Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[1][3]	1619
t2_EOTEnterGainY_Uls_u1p15[2][0]	9
2_EOTEnterGainY_Uls_u1p15[2][1]	10
2_EOTEnterGainY_Uls_u1p15[2][2]	157
2_EOTEnterGainY_Uls_u1p15[2][3]	1524
2_EOTEnterGainY_Uls_u1p15[3][0]	11
2_EOTEnterGainY_Uls_u1p15[3][1]	12
2_EOTEnterGainY_Uls_u1p15[3][2]	216
2_EOTEnterGainY_UIs_u1p15[3][3]	2094
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	213
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	302 289
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1]	409
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	289
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	409
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	243
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1]	345
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	896
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1344
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	864
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1248
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	928
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4240
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	384
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	768
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	30
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	213
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	349
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	495
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	274
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	388
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	88
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	592
_EOTDmpVspd_Kph_u9p7[0]	5632 16768
:_EOTDmpVspd_Kph_u9p7[1] :_EOTDmpVspd_Kph_u9p7[2]	16896
_EOTDmpVspd_Kph_u9p7[3]	17024
EOTEnterGainVspd_Kph_u9p7[0]	5632
EEOTEnterGainVspd_Kph_u9p7[1]	16768
E_EOTEnterGainVspd_Kph_u9p7[2]	16896
t_EOTEnterGainVspd_Kph_u9p7[3]	17024
 _SpdlptTblXTbl_HwDeg_u12p4[0]	0
:_SpdlptTblXTbl_HwDeg_u12p4[1]	448
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	384
_SpdlptTblYTbl_MtrRadpS_u12p4[1]	768
_TrqTableX_HwNm_u8p8[0]	1280
_TrqTableX_HwNm_u8p8[1]	1792
_TrqTbIY_Uls_u2p14[0]	246
_TrqTbIY_Uls_u2p14[1]	262
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1100.04004
arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	500.375
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	0.89999976
arget_EOTActuatorMng_Per1_HandvvneelPos_HwDeg_t32.value arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	100.480003 -8.01000023
arget_EOTActuatorMng_Per1_HwTorque_HwNm_r32.value arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-8.01000023 0.25999999
arget_EOTActuatorMng_Fer1_wiotorver_witrkaups_isz.value	0.214000002
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	7.17000008
arget_E0TActuationMng_F0TE_verificeOpecd_\Qpri_102.valide arget_Rte_Inst_Ap_E0TActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3:	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Ul	s target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32
garaget Dte Inst An EOTActuatorMag EOTActuatorMag Port HwTorque HwNm	target_EOTActuatorMng_Per1_HwTorque_HwNm_f32
target_tte_inst_Ap_EOTActuatorwing.EOTActuatorwing_Fert_fiwTorque_fiwWin_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32

2015-06-29, 18:06:03+0530



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.6702199	1.67022002 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	808	808 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	747119781	747119781 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	89854088	89854088 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.214000002	0.214000002 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.347900391	0.347900391 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.6702199	1.67022002 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.347900391	0.347900391 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	1.00235355	1.00235355 ± 0.00048828125	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.16 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	2	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	553.525024	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	536870912	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-75497472	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.430000007	
EOTActuatorMng_SESState_Uls_M_enum		

2015-06-29, 18:06:03+0530



Name	Input Value
12_EOTEnterGainX_HwDeg_u12p4[3][3]	6016
t2_EOTEnterGainY_Uls_u1p15[0][0]	9
t2_EOTEnterGainY_Uls_u1p15[0][1]	10 147
12_EOTEnterGainY_Uls_u1p15[0][2] 12_EOTEnterGainY_Uls_u1p15[0][3]	147
	10
12_EOTEnterGainY_Uls_u1p15[1][0] 12_EOTEnterGainY_Uls_u1p15[1][1]	10
12_EOTEnterGainY_Uls_u1p15[1][2]	176
12 EOTEnterGainY_Glo_u*p16[1][2]	1714
12_EOTEnterGainY_Uls_u1p15[2][0]	10
t2 EOTEnterGainY Uls u1p15[2][1]	10
12_EOTEnterGainY_Uls_u1p15[2][2]	167
12_EOTEnterGainY_Uls_u1p15[2][3]	1619
2_EOTEnterGainY_Uls_u1p15[3][0]	11
t2_EOTEnterGainY_Uls_u1p15[3][1]	12
2_EOTEnterGainY_Uls_u1p15[3][2]	225
2_EOTEnterGainY_Uls_u1p15[3][3]	2189
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	228
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	323
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	304
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	431
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	304
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	431
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	259
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	366
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	928
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1360
12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	880 1264
:2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] :2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800
2_EOTPosDepDmpTblX_TwDeg_u12p4[2][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4256
2_EOTPosDepDmpTblX_TwDeg_u12p4[2][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	400
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	784
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	32
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	228
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	365
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	517
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	289
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	409
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	614
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	894
EOTDmpVspd_Kph_u9p7[0]	5760
_EOTDmpVspd_Kph_u9p7[1]	17152
_EOTDmpVspd_Kph_u9p7[2]	17280
_EOTDmpVspd_Kph_u9p7[3]	17408
_EOTEnterGainVspd_Kph_u9p7[0]	5760
_EOTEnterGainVspd_Kph_u9p7[1]	17152
_EOTEnterGainVspd_Kph_u9p7[2]	17280
_EOTEnterGainVspd_Kph_u9p7[3]	17408
_SpdlptTblXTbl_HwDeg_u12p4[0]	320
_SpdlptTblXTbl_HwDeg_u12p4[1]	464
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	400 784
_SpdIptTbIYTbI_MtrRadpS_u12p4[1] TrqTableX HwNm u8p8[0]	256
_ · · · ·	1536
_TrqTableX_HwNm_u8p8[1] TrqTbIY Uls u2p14[0]	180
	262
arget EOTActuatorMng Per1 CcwEOT HwDeg f32.value	-1234.78003
arget EOTActuatorMng Per1 CcwFound Cnt lgc.value	1
arget EOTActuatorMng Per1 CwEOT HwDeg f32.value	555.640991
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.910000026
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-1440.10999
arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	9.02000046
arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.280000001
arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.354000002
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	8.18000031
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDampir	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U	lls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_M	ftr1 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg	_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32
	target EOTActuatorMng Per1 CcwFound Cnt Igc



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwI	0eg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f. \\$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	f_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.86212003	1.86212003 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	265	265 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	532329347	532329347 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-76191672	-76191672 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.354000002	0.354000002 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.24786377	0.24786377 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	SES_EXITING	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.86212003	1.86212003 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.24786377	0.24786377 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.519023418	0.519023418 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	✓

Test Step 2.17 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.20000005
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	956.210022
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	322122547
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	75497472
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.20999993
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.388999999
k_EOTDefltPosition_HwDeg_u12p4	1968
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	43520
k_EOTEnterLPFKn_Cnt_u16	666
k_EOTExitLPFKn_Cnt_u16	3476
k_EOTImpSpdEn_Kph_u9p7	7424
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	72.9899979
k_EOTStateHwTrqLPFKn_Cnt_u16	500
k_MaxRackTrvl_HwDeg_u12p4	2128
k_MinRackTrvl_HwDeg_u12p4	8544
k_PosRampStep_HwDeg_u12p4	5856
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	86
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	80
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	320
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	736
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2192

2015-06-29, 18:06:03+0530



EOTACtuatoriving_Peri		TOPE TOPE
Name	Input Value	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2208	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2224	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1376	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4112	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4128	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4144	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2016	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6032	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6048 6064	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	9	
t2_EOTEnterGainY_Uls_u1p15[0][0] t2_EOTEnterGainY_Uls_u1p15[0][1]	10	
12_EOTETITE/Gain1_UIS_u1p15[0][1] 12_EOTETITE/Gain1_UIS_u1p15[0][2]	157	
12_EOTEING/GainY_Uls_u1p15[0][3]	1524	
12_EOTEnterGainY_Uls_u1p15[1][0]	10	
2_EOTEnterGainY_Uls_u1p15[1][1]	11	
2_EOTEnterGainY_Uls_u1p15[1][2]	186	
2_EOTEnterGainY_Uls_u1p15[1][3]	1809	
2_EOTEnterGainY_Uls_u1p15[2][0]	10	
2_EOTEnterGainY_Uls_u1p15[2][1]	10	
2_EOTEnterGainY_Uls_u1p15[2][2]	176	
t2_EOTEnterGainY_Uls_u1p15[2][3]	1714	
12_EOTEnterGainY_Uls_u1p15[3][0]	12	
12 EOTEnterGainY Uls u1p15[3][1]	12	
t2_EOTEnterGainY_Uls_u1p15[3][2]	235	
t2_EOTEnterGainY_Uls_u1p15[3][3]	2284	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	243	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	345	
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	319	
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	452	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	319	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	452	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	274	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	388	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	960	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1376	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	896	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1280	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	832	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4272	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	416	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	800	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	345	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	923	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	380	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	538	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	304	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	431	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	91	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	635	
E_EOTDmpVspd_Kph_u9p7[0]	5888	
EOTDmpVspd_Kph_u9p7[1]	17536	
EOTDmpVspd_Kph_u9p7[2]	17664	
EOTDmpVspd_Kph_u9p7[3]	17792	
EOTEnterGainVspd_Kph_u9p7[0]	5888	
t_EOTEnterGainVspd_Kph_u9p7[1]	17536	
t_EOTEnterGainVspd_Kph_u9p7[2]	17664	
_EOTEnterGainVspd_Kph_u9p7[3]	17792	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	336	
:_SpdlptTblXTbl_HwDeg_u12p4[1]	480	
:_SpdlptTblYTbl_MtrRadpS_u12p4[0]	416	
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	800	
t_TrqTableX_HwNm_u8p8[0]	256	
t_TrqTableX_HwNm_u8p8[1]	1280	
t_TrqTblY_Uls_u2p14[0]	197	
t_TrqTblY_Uls_u2p14[1]	279	
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1200.45996	
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1	
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	600.273987	
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0	
LEGILL LA DE LEGICE CONTRACTOR		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0 0.400000006	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTActuatorMng_SESState_Uls_M_enum

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

Name	Input Value		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-9.02999973		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.310000002		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.739000022		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	9.18999958		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssistEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr	target_EOTActuatorMng_Per1_AssistEOTLir	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	/Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgd	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelF	os_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultRampMultLtd_InstAp_EOTActuatorMng_P$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.05401993	2.05401993 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	123	123 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	318855151	318855151 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	73765972 73765972 ± 1		~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.739000022	0.739000022 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.148468018	0.148468018 ± 0.0625	~

SES_DISABLED

2.05401993

0.148468018

0.53938967

SES_DISABLED

2.05401993 ± 0.00048828125

0.148468018 ± 0.0000390625

0.53938967 ± 0.00048828125

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	•

Test Step 2.18 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.4000001
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	684.320007
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1911260447
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-58720256
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.99000001
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.995000005
k_EOTDefltPosition_HwDeg_u12p4	3744
k_EOTDeltaTrqThrsh_HwNm_u9p7	128
k_EOTDynConf_Uls_u8p8	46080
k_EOTEnterLPFKn_Cnt_u16	777
k_EOTExitLPFKn_Cnt_u16	8456
k_EOTImpSpdEn_Kph_u9p7	7552
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	77.0400009
k_EOTStateHwTrqLPFKn_Cnt_u16	400
k_MaxRackTrvl_HwDeg_u12p4	2144
k_MinRackTrvl_HwDeg_u12p4	10128
k_PosRampStep_HwDeg_u12p4	10464

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1		MACILAL
Name	Input Value	
k_SoftStopEOTEnable_Cnt_lgc	1	
k_SpdIptScale_MtrNmpRadpS_u4p12	87	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	192	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	352	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	672	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	752	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2240	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2256	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2272	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1392 4160	
t2_EOTEnterGainX_HwDeg_u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4176	
t2_EOTEnterGainX_Twbeg_u12p4[2][2] t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4192	
t2_EOTEnterGainX_Twbeg_u12p4[3][0]	2032	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6080	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6096	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6112	
t2_EOTEnterGainY_Uls_u1p15[0][0]	10	
t2_EOTEnterGainY_Uls_u1p15[0][1]	10	
t2_EOTEnterGainY_Uls_u1p15[0][2]	167	
t2_EOTEnterGainY_Uls_u1p15[0][3]	1619	
t2_EOTEnterGainY_Uls_u1p15[1][0]	10	
t2_EOTEnterGainY_Uls_u1p15[1][1]	11	
t2_EOTEnterGainY_Uls_u1p15[1][2]	196	
t2_EOTEnterGainY_Uls_u1p15[1][3]	1904	
t2_EOTEnterGainY_Uls_u1p15[2][0]	10	
t2_EOTEnterGainY_Uls_u1p15[2][1]	11	
t2_EOTEnterGainY_Uls_u1p15[2][2]	186	
t2_EOTEnterGainY_Uls_u1p15[2][3]	1809	
t2_EOTEnterGainY_Uls_u1p15[3][0]	12	
t2_EOTEnterGainY_Uls_u1p15[3][1]	13	
I2_EOTEnterGainY_Uls_u1p15[3][2]	245	
t2_EOTExtBeaDanDranThly_Mathemplantae_u0n16[0][0]	2379	
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1]	259 366	
t2_EOTEXF0sDepDmpTblY_MtrNmpRadps_u0p16[1][0]	334	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	474	
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0]	334	
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]	474	
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0]	289	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	409	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	992	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1392	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	912	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1296	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	864	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4288	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	432	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	816	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	37	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	259	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	395	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	560	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	319	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	452	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	1	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] t_EOTDmpVspd_Kph_u9p7[0]	6016	
t_EOTDmpVspd_Kph_u9p7[1]	17920	
t_EOTDInpvspd_kph_u9p7[2]	18048	
t_EOTDmpVspd_kph_u9p7[3]	18176	
t_EOTEnterGainVspd_Kph_u9p7[0]	6016	
t_EOTEnterGainVspd_Kph_u9p7[1]	17920	
EOTEnterGainVspd_Kph_u9p7[2]	18048	
t_EOTEnterGainVspd_Kph_u9p7[3]	18176	
t_SpdIptTblXTbl_HwDeg_u12p4[0]	352	
t_SpdlptTblXTbl_HwDeg_u12p4[1]	496	
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	432	
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	816	
t_TrqTableX_HwNm_u8p8[0]	768	
t_TrqTableX_HwNm_u8p8[1]	1024	

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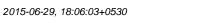


Name	Inmut Value		
	Input Value		
t_TrqTbIY_UIs_u2p14[1]	295		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1300.41003		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	666.15802		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.920000017		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	1.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.340000004		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.596000016		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10.0100002		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrl	target_EOTActuatorMng_Per1_AssistEOTLii	mit_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igi	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng_Per1_HandWheelA	auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	I target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f	target EOTActuatorMng Per1 HwTorque H	lwNm f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	=		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLtd			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	32 2		
Name	Actual Value	Expected Value	Result
EOTActuatorMng Damping MtrNm M f32	2.24592018	2.24591994 ± 0.0000390625	
FOTActuatorMng FOTImpactPos HwDeg M f32	684 320007	684 320007 + 0 0000390625	_

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.24592018	2.24591994 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	684.320007	684.320007 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1889858759	1889858759 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-58208256	-58208256 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.596000016	0.596000016 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.880004883	0.880004883 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	2.24592018	2.24591994 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.880004883	0.880004883 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.5999999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	534.450012
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1675037245
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	58720256
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.879999995
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.209999993
k_EOTDefltPosition_HwDeg_u12p4	5520
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	48640
k_EOTEnterLPFKn_Cnt_u16	888
k_EOTExitLPFKn_Cnt_u16	464
k_EOTImpSpdEn_Kph_u9p7	7680





Name	Input Value
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	81.0899963
k_EOTStateHwTrqLPFKn_Cnt_u16	1234
k_MaxRackTrvI_HwDeg_u12p4 k MinRackTrvI_HwDeg_u12p4	2160 14240
k_PosRampStep_HwDeg_u12p4	3424
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	87
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	832
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1008
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1184
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1360
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	768
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2288
t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2304 2320
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1408
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4208
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4224
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4240
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2048
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6128
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6144
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6160
t2_EOTEnterGainY_Uls_u1p15[0][0]	10
t2_EOTEnterGainY_Uls_u1p15[0][1]	10
t2_EOTEnterGainY_Uls_u1p15[0][2]	176 1714
t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0]	11
t2_EOTEnterGain1_0is_u1p13[1][0] t2_EOTEnterGain1_Uls_u1p15[1][1]	11
t2_EOTEnterGainY_Uls_u1p15[1][2]	206
t2_EOTEnterGainY_Uls_u1p15[1][3]	1999
t2_EOTEnterGainY_Uls_u1p15[2][0]	10
t2_EOTEnterGainY_Uls_u1p15[2][1]	11
t2_EOTEnterGainY_Uls_u1p15[2][2]	196
t2_EOTEnterGainY_Uls_u1p15[2][3]	1904
t2_EOTEnterGainY_Uls_u1p15[3][0]	12
t2_EOTEnterGainY_Uls_u1p15[3][1]	13
t2_EOTEnterGainY_Uls_u1p15[3][2]	255 2474
t2_EOTEnterGainY_Uls_u1p15[3][3] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	274
t2 EOTEXPosDepDmpTblY MtrNmpRadps_u0p16[0][1]	388
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][0]	349
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	495
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	349
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	495
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	304
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	431
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1408
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	928 1312
t2_EOTPosDepDinpTblX_HwDeg_u12p4[1][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	896
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4304
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	448
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	832
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	39
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	274
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	410
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	581
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	334
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0]	474 16
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	22
t_EOTDmpVspd_Kph_u9p7[0]	6144
t_EOTDmpVspd_Kph_u9p7[1]	18304
t_EOTDmpVspd_Kph_u9p7[2]	18432
t_EOTDmpVspd_Kph_u9p7[3]	18560
t_EOTEnterGainVspd_Kph_u9p7[0]	6144
t_EOTEnterGainVspd_Kph_u9p7[1]	18304
t_EOTEnterGainVspd_Kph_u9p7[2]	18432
t_EOTEnterGainVspd_Kph_u9p7[3]	18560
t_SpdlptTblXTbl_HwDeg_u12p4[0]	368

2015-06-29, 18:06:03+0530



Name	Input Value		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	512		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	448		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	832		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	768		
t_TrqTblY_Uls_u2p14[0]	229		
t_TrqTblY_Uls_u2p14[1]	311		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1322.64001		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	700.460999		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.200000003		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-400.100006		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-1.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.360000014		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.308999985		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	21.2099991		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorM$	target_EOTActuatorMng_Per1_AssistEOTGa	in_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	:nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgaster and the property of the propert$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_{action} \\$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Output$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_$	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result

target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.43781996	2.43781996 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	345	345 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1653862885	1653862885 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	58088448	58088448 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.308999985	0.308999985 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.770111084	0.770111084 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	2.43781996	2.43781996 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.770111084	0.770111084 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.587080061	0.587080061 ± 0.00048828125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	_

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.79999995
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	735.869995
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1438814044
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-41943040
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.769999981
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value target_Rte_Inst_Ap_EOTActuatorMng Rte Inst Ap EOTActuatorMng 0.86500001 k_EOTActiveRegionBypassMaxThresh_Uls_f32 k EOTDefltPosition_HwDeg_u12p4 7296 k_EOTDeltaTrqThrsh_HwNm_u9p7 1024 k EOTDynConf Uls u8p8 0 k_EOTEnterLPFKn_Cnt_u16 1234 k_EOTExitLPFKn_Cnt_u16 3356 $k_EOTImpSpdEn_Kph_u9p7$ 7808 k_EOTOriginalImpactandSoftEnd_Cnt_lgc $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ 85 1399994 k_EOTStateHwTrqLPFKn_Cnt_u16 2345 2176 k_MaxRackTrvl_HwDeg_u12p4 9056 k_MinRackTrvl_HwDeg_u12p4 6912 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 88 k SpdlptScale MtrNmpRadpS u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1456 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1664 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1888 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 2032 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 784 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 2336 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 2352 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 2368 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1424 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 4256 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 4272 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 4288 t2 EOTEnterGainX HwDeg u12p4[3][0] 2064 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 6176 t2 EOTEnterGainX HwDeg u12p4[3][2] 6192 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 6208 t2 EOTEnterGainY Uls u1p15[0][0] 10 t2_EOTEnterGainY_Uls_u1p15[0][1] 11 t2_EOTEnterGainY_Uls_u1p15[0][2] 186 t2_EOTEnterGainY_Uls_u1p15[0][3] 1809 t2_EOTEnterGainY_Uls_u1p15[1][0] 11 12 t2_EOTEnterGainY_Uls_u1p15[1][1] t2_EOTEnterGainY_Uls_u1p15[1][2] 216 t2 EOTEnterGainY_Uls_u1p15[1][3] 2094 t2_EOTEnterGainY_Uls_u1p15[2][0] 11 t2_EOTEnterGainY_Uls_u1p15[2][1] 11 t2_EOTEnterGainY_Uls_u1p15[2][2] 206 t2_EOTEnterGainY_Uls_u1p15[2][3] 1999 t2_EOTEnterGainY_Uls_u1p15[3][0] 13 t2_EOTEnterGainY_Uls_u1p15[3][1] 13 t2_EOTEnterGainY_Uls_u1p15[3][2] 265 t2_EOTEnterGainY_Uls_u1p15[3][3] 2569 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 289 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 409 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][0] 365 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 517 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 365 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 517 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 452 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 1056 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1424 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 944 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1328 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 832 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4320 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]$ 464 848 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 41 289 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 425 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][1] 603 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 349 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 495 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 32 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 44 t_EOTDmpVspd_Kph_u9p7[0] 6272

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

20 77 lotted at of 17 miles			
Name	Input Value		
t EOTDmpVspd Kph u9p7[1]	18688		
t EOTDmpVspd Kph u9p7[2]	18816		
t_EOTDmpVspd_Kph_u9p7[3]	18944		
t EOTEnterGainVspd Kph u9p7[0]	6272		
t EOTEnterGainVspd Kph u9p7[1]	18688		
t EOTEnterGainVspd Kph u9p7[2]	18816		
t_EOTEnterGainVspd_Kph_u9p7[3]	18944		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	384		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	528		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	464		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	848		
t TrgTableX HwNm u8p8[0]	0		
t TrqTableX HwNm u8p8[1]	512		
t TrqTbIY Uls u2p14[0]	246		
t_TrqTblY_Uls_u2p14[1]	328		
target EOTActuatorMng Per1 CcwEOT HwDeg f32.value	-144.169998		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	777.286987		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target EOTActuatorMng Per1 EOTDisable Cnt lgc.value	0		
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.930000007		
target EOTActuatorMng Per1 HandWheelPos HwDeg f32.value	400.200012		
target EOTActuatorMng Per1 HwTorque HwNm f32.value	2.5		
target EOTActuatorMng Per1 MotorVel MtrRadpS f32.value	-0.379999995		
target EOTActuatorMng Per1 OutputRampMultLtd Uls f32.value	0.245000005		
target EOTActuatorMng Per1 VehicleSpeed Kph f32.value	22.6499996		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampin	ping target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Ul			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit M			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg	- · - · - ·		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Ig			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Igc			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt I	_ · · - ·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_L			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadp		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLi	1	· -	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kpl			
Name	Actual Value	Expected Value	Resu
EOTActuatorMng_Damping_MtrNm_M_f32	2.62971997	2.62971997 ± 0.0000390625	Resu
EOTActuatorMng EOTImpactPos HwDeg M f32	456	456 ± 0.0000390625	
EOTActuatorMng_EOTIMpactPos_nwbeg_w_is2 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1413955114	1413955114 ± 1	
EOTActuatorMng_FiltEOTGainSV_HWNm_M_s7p24	-38941440	-38941440 ± 1	
EOTActuatorMng_FiltHvV1rqSv_HwNrl_M_s/p24 EOTActuatorMng_OutputRampMultLtd_M_f32	0.245000005	0.245000005 ± 0.00390625	
EOTActuatorMng_OutputkampMultitu_M_132 EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.658416748	0.658416748 ± 0.0625	
EOTActuatorMng_FrevEOTGain_ols_in_i32 EOTActuatorMng SESState Uls M enum	SES NORMAL	SES NORMAL	
LOTACUATORNING_GEOGRAPHIC DIS_INI_CHIUIII	O COOZAGOZ	0.00074007 + 0.00040000105	

T	T					
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~		
EOTDetermination	1	EOTDetermination	1	•		
EOTOrigImpact	1	EOTOrigImpact	1	•		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•		
SES_DetLmtPos	1	SES_DetLmtPos	1	•		
SES_CalcExitGain	1	SES_CalcExitGain	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~		
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~		
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~		
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~		
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•		
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•		
SES_StateCtrl	1	SES_StateCtrl	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~		
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	•		

2.62971997

0.658416748

0.614882827

2.62971997 ± 0.00048828125 0.658416748 ± 0.0000390625

0.614882827 ± 0.00048828125

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$





Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	3
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	248.889999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1202590843
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	41943040
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.660000026
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32 k_EOTDefitPosition_HwDeg_u12p4	0.0430000015 9072
k_EOTDeltaTrqThrsh_HwNm_u9p7	896
k EOTDynConf Uls u8p8	53760
k_EOTEnterLPFKn_Cnt_u16	2345
k_EOTExitLPFKn_Cnt_u16	7544
k_EOTImpSpdEn_Kph_u9p7	7936
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	89.1900024
k_EOTStateHwTrqLPFKn_Cnt_u16	3456
k_MaxRackTrvl_HwDeg_u12p4	2192 8864
k_MinRackTrvl_HwDeg_u12p4 k_PosRampStep_HwDeg_u12p4	10464
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	88
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	192
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2384
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0]	2416 1440
t2_EOTEnterGainX_nwbeg_u12p4[2][0]	4304
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4320
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4336
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2080
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6224
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6240
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6256
t2_EOTEnterGainY_Uls_u1p15[0][0]	10
t2_EOTEnterGainY_Uls_u1p15[0][1] t2_EOTEnterGainY_Uls_u1p15[0][2]	11 196
t2_EOTEnterGain1_Uis_u1p15[0][2]	1904
t2_EOTEnterGainY_Uls_u1p15[1][0]	11
t2_EOTEnterGainY_Uls_u1p15[1][1]	12
t2_EOTEnterGainY_Uls_u1p15[1][2]	225
t2_EOTEnterGainY_Uls_u1p15[1][3]	2189
t2_EOTEnterGainY_Uls_u1p15[2][0]	11
t2_EOTEnterGainY_Uls_u1p15[2][1]	12
t2_EOTEnterGainY_Uls_u1p15[2][2]	216
t2_EOTEnterGainY_Uls_u1p15[2][3]	2094
t2_EOTEnterGainY_Uls_u1p15[3][0] t2_EOTEnterGainY_Uls_u1p15[3][1]	13 14
t2_EOTEnerGainY_Uls_u1p15[3][1]	274
t2_EOTEnterGainY_Uls_u1p15[3][3]	2664
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	304
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	431
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	538
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	334
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	474 560
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	720
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	960
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1344
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	848
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4336
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	480
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	864
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	43

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	440		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	624		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	365		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	517		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	47		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	65		
t_EOTDmpVspd_Kph_u9p7[0]	6400		
t_EOTDmpVspd_Kph_u9p7[1]	19072		
t_EOTDmpVspd_Kph_u9p7[2]	19200		
t_EOTDmpVspd_Kph_u9p7[3]	19328		
t_EOTEnterGainVspd_Kph_u9p7[0]	6400		
t_EOTEnterGainVspd_Kph_u9p7[1]	19072		
t_EOTEnterGainVspd_Kph_u9p7[2]	19200		
t_EOTEnterGainVspd_Kph_u9p7[3]	19328		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	544		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	480		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	864		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	256		
t_TrqTblY_Uls_u2p14[0]	262		
t_TrqTblY_Uls_u2p14[1]	344		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1400.18994		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	800.153992		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-0.800000012		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-2.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.00200000009		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0680000037		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	23.5799999		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampi	ng_ target_EOTActuatorMng_Per1_AssistEOT	Damping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_L			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_N	Mtrl target_EOTActuatorMng_Per1_AssistEOT	Limit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg	_f3 target_EOTActuatorMng_Per1_CcwEOT_	HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_I			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_	_f32 target_EOTActuatorMng_Per1_CwEOT_H	wDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lg			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth	3 - 3		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_I			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNr		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRad			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultIndex and the property of the property o$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kp		eed_Kph_f32	
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	2.82161999	2.82161999 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567	567 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1164024973	1164024973 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	41943040	41943040 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0680000037	0.0680000037 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.542022705	0.542022705 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	2.82161999	2.82161999 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.542022705	0.542022705 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.644488275	0.644488275 ± 0.00048828125	



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.22 (Repeat Count = 1)	· ·
Name	Input Value
EOTActuatorMng Damping MtrNm M f32	3.20000005
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200.145004
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	966367642
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	-25165824
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.550000012
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69599998
k EOTDefltPosition HwDeg u12p4	10848
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
k EOTDynConf Uls u8p8	56320
k_EOTEnterLPFKn_Cnt_u16	3456
k_EOTExitLPFKn_Cnt_u16	3564
k_EOTImpSpdEn_Kph_u9p7	8064
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	93.2399979
k_EOTStateHwTrqLPFKn_Cnt_u16	100
k MaxRackTrvl HwDeg u12p4	2208
k MinRackTrvl HwDeg u12p4	6512
k_PosRampStep_HwDeg_u12p4	10848
k SoftStopEOTEnable Cnt Igc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	88
t2 EOTEnterGainX HwDeg u12p4[0][0]	256
t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1]	448
t2 EOTEnterGainX_TWDeg_u12p4[0][1]	592
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	816
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2432
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2448
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2464
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1456
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4352
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4368
t2_EOTEnterGainX_TwDeg_u12p4[2][2] t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4384
t2_EOTEnterGainX_Twbeg_u12p4[2][3] t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2096
t2_EOTEnterGainX_TwDeg_u12p4[3][0] t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6272
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6288
	6304
t2_EOTEnterGainX_HwDeg_u12p4[3][3] t2_EOTEnterGainY_Uls_u1p15[0][0]	5
	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	20
t2_EOTEnterGainY_Uls_u1p15[0][2]	193
t2_EOTEnterGainY_Uls_u1p15[0][3]	7
t2_EOTEnterGainY_Uls_u1p15[1][0]	7
t2_EOTEnterGainY_Uls_u1p15[1][1] t2_EOTEnterGainY_Uls_u1p15[1][2]	78
t2_EOTEnterGainY_Uis_u1p15[1][2]	763
	6
t2_EOTEnterGainY_Uls_u1p15[2][0]	
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	69 668
t2_EOTEnterGainY_Uls_u1p15[2][3]	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

		• "	
Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][0]	5		
t2_EOTEnterGainY_Uls_u1p15[3][1]	5		
t2_EOTEnterGainY_Uls_u1p15[3][2]	20		
t2_EOTEnterGainY_Uls_u1p15[3][3]	193		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	319		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	452		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	395		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	560		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	395		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	560		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	349		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	495		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	224		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4208		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1024		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1408		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	736		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	3344		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	496		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	880		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	45		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	319		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	168		
	237		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	380		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	538 87		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	62		
t_EOTDmpVspd_Kph_u9p7[0]	6528		
t_EOTDmpVspd_Kph_u9p7[1]	19456		
t_EOTDmpVspd_Kph_u9p7[2]	19584		
t_EOTDmpVspd_Kph_u9p7[3]	19712		
t_EOTEnterGainVspd_Kph_u9p7[0]	6528		
t_EOTEnterGainVspd_Kph_u9p7[1]	19456		
t_EOTEnterGainVspd_Kph_u9p7[2]	19584		
t_EOTEnterGainVspd_Kph_u9p7[3]	19712		
t_SpdIptTbIXTbl_HwDeg_u12p4[0]	416		
t_SpdIptTbIXTbl_HwDeg_u12p4[1]	560		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	496		
t_SpdIptTblYTbl_MtrRadpS_u12p4[1]	880		
t_TrqTableX_HwNm_u8p8[0]	2048		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTbIY_Uls_u2p14[0]	279		
t_TrqTbIY_Uls_u2p14[1]	360		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-111.07		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	200.824005		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	3.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.00300000003		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0549999997		
target EOTActuatorMng Per1 VehicleSpeed Kph f32.value	9.53999996		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping		amping MtrNm f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	· - · · -		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f3	3		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc	target EOTActuatorMng Per1 CcwFound C	·-	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Ci		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Peri_HandWheelPos Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f.	· · · · · · · · · · · · · · · · · · ·	-	
target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_MotorVel_MtrRadpS_		· -	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpee		1_
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.01352	3.01352 ± 0.0000390625	~

200.145004

916075930

EOTActuatorMng_EOTImpactPos_HwDeg_M_f32

200.145004 ± 0.0000390625

916075930 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-25037824	-25037824 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0549999997	0.0549999997 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.426574707	0.426574707 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	3.01352	3.01352 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.426574707	0.426574707 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	•

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Name	Input Value
EOTActuatorMng Damping MtrNm M f32	3.4000001
EOTActuatorMng EOTImpactPos HwDeg M f32	342.355988
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	730144440
EOTActuatorMng FiltHWTrgSV HwNm M s7p24	25165824
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.43999998
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
<pre>c_EOTActiveRegionBypassMaxThresh_Uls_f32</pre>	0.61500001
EOTDefltPosition HwDeg u12p4	12624
EOTDeltaTrgThrsh HwNm u9p7	640
E_EOTDynConf_Uls_u8p8	0
EOTEnterLPFKn Cnt u16	999
EOTExitLPFKn Cnt u16	6543
EOTImpSpdEn Kph u9p7	8192
EOTOriginalImpactandSoftEnd Cnt lgc	0
C_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	97,2900009
c_EOTStateHwTrqLPFKn_Cnt_u16	200
oracles.minq_sind_arrows c_MaxRackTrvl_HwDeg_u12p4	2224
MinRackTrvl HwDeg u12p4	15440
PosRampStep HwDeg u12p4	9072
SoftStopEOTEnable Cnt lgc	1
SpdlptScale MtrNmpRadpS u4p12	89
2_EOTEnterGainX_HwDeg_u12p4[0][0]	800
2 EOTEnterGainX HwDeg u12p4[0][1]	960
2 EOTEnterGainX HwDeg u12p4[0][2]	1120
2 EOTEnterGainX HwDeg u12p4[0][3]	1280
2_EOTEnterGainX_HwDeg_u12p4[1][0]	832
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2480
2 EOTEnterGainX HwDeg u12p4[1][2]	2496
2 EOTEnterGainX HwDeg u12p4[1][3]	2512
2 EOTEnterGainX HwDeg u12p4[2][0]	1472
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4400
2 EOTEnterGainX HwDeg u12p4[2][2]	4416
2 EOTEnterGainX HwDeg u12p4[2][3]	4432
2 EOTEnterGainX HwDeg u12p4[3][0]	2112
2 EOTEnterGainX HwDeg u12p4[3][1]	6320
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6336
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6352
2_EOTEnterGainY_I/Wbcg_u1p15[0][0]	5
2_EOTEnterGainY_Uls_u1p15[0][1]	6
2_EOTEnterGainY_Uls_u1p15[0][2]	29
2_EOTEnterGainY_Uls_u1p15[0][3]	288
2_EOTEnterGainY_Uls_u1p15[0][0]	7
2_EOTEnterGainY_0is_u1p15[1][0] 2_EOTEnterGainY_Uls_u1p15[1][1]	8

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[1][2]	88
t2_EOTEnterGainY_Uls_u1p15[1][3]	859
t2_EOTEnterGainY_Uls_u1p15[2][0]	7
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3]	78 763
t2_EOTEInterGain1_uls_u1p15[3][0]	288
t2_EOTEnterGainY_Uls_u1p15[3][1]	29
t2_EOTEnterGainY_Uls_u1p15[3][2]	5
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	334
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	474
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	410
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	581 410
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	581
t2_EOTEXHOSDEpDmpTblY_MtrNmpRadps_u0p16[3][0]	365
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	517
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4224
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1040
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1424
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	768
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3360 512
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	512 896
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	47
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	334
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	183
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	259
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	395
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	560
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	77
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] t_EOTDmpVspd_Kph_u9p7[0]	108 6656
t_EOTDmpVspd_Kph_u9p7[1]	19840
t_EOTDmpVspd_Kph_u9p7[2]	19968
t_EOTDmpVspd_Kph_u9p7[3]	20096
t_EOTEnterGainVspd_Kph_u9p7[0]	6656
t_EOTEnterGainVspd_Kph_u9p7[1]	19840
t_EOTEnterGainVspd_Kph_u9p7[2]	19968
t_EOTEnterGainVspd_Kph_u9p7[3]	20096
t_SpdlptTblXTbl_HwDeg_u12p4[0]	432 576
t_SpdlptTblXTbl_HwDeg_u12p4[1] t SpdlptTblYTbl MtrRadpS u12p4[0]	512
t_SpdlptTbl/MtrRadpS_u12p4[1]	896
t_TrqTableX_HwNm_u8p8[0]	1792
t_TrqTableX_HwNm_u8p8[1]	2048
t_TrqTblY_Uls_u2p14[0]	295
t_TrqTblY_Uls_u2p14[1]	377
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-110.290001
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	900.070984
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1 0
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.5
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-200.360001
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-3.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.43999998
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.405999988
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	25.1399994
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Ultarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mt	
target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_int target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg	
target_Rte_inst_Ap_EOTActuatorMing.EOTActuatorMing_Per1_CcwEOT_nwDeg_	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f3	, , , , , , , , , , , , , , , , , , ,
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt I	V
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_United States and States and States are also as a function of the states and the states are also as a function of the states a$	lls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H$	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_Inst_Ap_EOTActuatorMng_Inst_Ap_In$	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadp	



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.20542002	3.20542002 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	342.355988	342.355988 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	719302293	719302293 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	25268224	25268224 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.405999988	0.405999988 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.33493042	0.33493042 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	3.20542002	3.20542002 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.33493042	0.33493042 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	3.5999999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567.784973
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	493921239
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-150994944
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.330000013
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.20000003
k_EOTDefltPosition_HwDeg_u12p4	12624
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
k_EOTDynConf_Uls_u8p8	61440
k_EOTEnterLPFKn_Cnt_u16	1000
k_EOTExitLPFKn_Cnt_u16	7567
k_EOTImpSpdEn_Kph_u9p7	8320
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	101.339996
k_EOTStateHwTrqLPFKn_Cnt_u16	300
k_MaxRackTrvl_HwDeg_u12p4	2240
k_MinRackTrvl_HwDeg_u12p4	17760
k_PosRampStep_HwDeg_u12p4	7296
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	89
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1456
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1840
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2048
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	848
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2528
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2544
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2560
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1488
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4448
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4464
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4480
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2128
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6368
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6384

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6400
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	39
t2_EOTEnterGainY_Uls_u1p15[0][3]	383
t2_EOTEnterGainY_Uls_u1p15[1][0]	7
t2_EOTEnterGainY_Uls_u1p15[1][1]	8
t2_EOTEnterGainY_Uls_u1p15[1][2]	98
t2_EOTEnterGainY_Uls_u1p15[1][3]	954
t2_EOTEnterGainY_Uls_u1p15[2][0]	7
t2_EOTEnterGainY_Uls_u1p15[2][1]	8
t2_EOTEnterGainY_Uls_u1p15[2][2]	88
t2_EOTEnterGainY_Uls_u1p15[2][3]	859
t2_EOTEnterGainY_Uls_u1p15[3][0]	383
t2_EOTEnterGainY_Uls_u1p15[3][1]	39
t2_EOTEnterGainY_Uls_u1p15[3][2]	5
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	349
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	495
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	425
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	603
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	425
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	603
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	538
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	928
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4240
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1056
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1440
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3376
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	528
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	912
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	50
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	349
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	198
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	280
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	410
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	581
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	92
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	130
t_EOTDmpVspd_Kph_u9p7[0]	6784
t_EOTDmpVspd_Kph_u9p7[1]	20224
t_EOTDmpVspd_Kph_u9p7[2]	20352
t_EOTDmpVspd_Kph_u9p7[3]	20480
t_EOTEnterGainVspd_Kph_u9p7[0]	6784
t_EOTEnterGainVspd_Kph_u9p7[1]	20224
t_EOTEnterGainVspd_Kph_u9p7[2]	20352
t_EOTEnterGainVspd_Kph_u9p7[3]	20480
t SpdlptTblXTbl HwDeg u12p4[0]	448
t SpdlptTblXTbl HwDeg u12p4[0]	592
t_SpdlptTbl/Tbl_Hwbeg_u12p4[1] t_SpdlptTbl/Tbl_MtrRadpS_u12p4[0]	528
t SpdlptTblYTbl MtrRadpS u12p4[1]	912
t_TrqTableX_HwNm_u8p8[0]	1536
t_rrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1]	1536 1792
	311
t_TrqTblY_Uls_u2p14[0]	
t_TrqTblY_Uls_u2p14[1]	393
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-222.339996
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	999.033997
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.88999986
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	882.125
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	4.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-1350
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.340999991
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	26.1450005
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDampii	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_N	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg	
target His Inst An HOLActuatorMng FOTActuatorMng Per1 CowFound Cnt I	gc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_In$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.39731979	3.39732003 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567.784973	567.784973 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	486768239	486768239 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-149958144	-149958144 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.340999991	0.340999991 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.226654053	0.226654053 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	3.39731979	3.39732003 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.226654053	0.226654053 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.25 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789.015015
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	257698038
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	150994944
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.219999999
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.372000009
k_EOTDefltPosition_HwDeg_u12p4	2480
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	2560
k_EOTEnterLPFKn_Cnt_u16	6565
k_EOTExitLPFKn_Cnt_u16	5644
k_EOTImpSpdEn_Kph_u9p7	8448
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	105.389999
k_EOTStateHwTrqLPFKn_Cnt_u16	4563
k_MaxRackTrvl_HwDeg_u12p4	2256
k_MinRackTrvl_HwDeg_u12p4	19552
k_PosRampStep_HwDeg_u12p4	5520
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	90
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1504
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4496
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4512
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4528
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	864
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2576
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2592
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2608
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1504

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TOLOU (A
Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4496
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4512
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4528
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2144
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6416
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6432
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6448
t2_EOTEnterGainY_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	49
t2_EOTEnterGainY_Uls_u1p15[0][3]	478 8
12_EOTEnterGainY_Uls_u1p15[1][0] 12_EOTEnterGainY_Uls_u1p15[1][1]	8
12_EOTE::tle:rGain1*_uls_u1p15[1][1] 12_EOTE::tle:rGain1*_uls_u1p15[1][2]	108
2_EOTEIRE/GainY_Uls_u1p15[1][3]	1049
2_EOTEnterGainY_Uls_u1p15[2][0]	5
2_EOTEnterGainY_Uls_u1p15[2][1]	6
2_EOTEnterGainY_Uls_u1p15[2][2]	29
2_EOTEnterGainY_Uls_u1p15[2][3]	288
2_EOTEnterGainY_Uls_u1p15[3][0]	478
2_EOTEnterGainY_Uls_u1p15[3][1]	49
12_EOTEnterGainY_Uls_u1p15[3][2]	6
2_EOTEnterGainY_Uls_u1p15[3][3]	6
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	365
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	517
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	440
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	624
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	440
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]	624
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	395
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	560
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	800
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4256
12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1072
l2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1456
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	192
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3392
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	544
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	928
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	52
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	365
I2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	213
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	302
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	425
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	603 107
12_EOTPOSDEPDITIPTOIT_MIRMINERAUPS_ubpTo[5][0] 12 EOTPOSDEPDITIPTOIT_MIRMINERAUPS_u0p16[3][1]	151
	6912
:_EOTDmpVspd_Kph_u9p7[0] :_EOTDmpVspd_Kph_u9p7[1]	20608
t_EOTDmpVspd_Kph_u9p7[1]	20736
_EOTDmpVspd_Kph_u9p7[2] :_EOTDmpVspd_Kph_u9p7[3]	20864
_EOTEnterGainVspd_Kph_u9p7[0]	6912
_EOTEnterGainVspd_Kph_u9p7[1]	20608
EOTEnterGainVspd_Kph_u9p7[2]	20736
_EOTEnterGainVspd_Kph_u9p7[3]	20864
SpdlptTblXTbl_HwDeg_u12p4[0]	464
ppdptTblXTbl_HwDeg_u12p4[1]	608
spdlptTblYTbl_MtrRadpS_u12p4[0]	544
spdlptTblYTbl_MtrRadpS_u12p4[1]	928
t_TrqTableX_HwNm_u8p8[0]	1280
TrqTableX_HwNm_u8p8[1]	1536
_TrqTblY_Uls_u2p14[0]	328
_TrqTblY_Uls_u2p14[1]	410
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-220.179993
arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1000.01001
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.129999995
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-1000.40002
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-4.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	1350
	0.430999994

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530





0 ± 0.00048828125

Name	Input Value		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	27.6539993		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	target_EOTActuatorMng_Per1_AssistEOTLir	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	/Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32	target_EOTActuatorMng_Per1_CwEOT_Hwt	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRample	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpe$	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.01077986	4.01077986 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	155	155 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	231923848	231923848 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	145738368	145738368 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.430999994	0.430999994 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.107971191	0.107971191 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.01077986	4.01077986 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.107971191	0.107971191 ± 0.0000390625	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	-

0

Test Stan 2.26 (Banast Count = 4)	
Test Step 2.26 (Repeat Count = 1)	Invest Value
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	4
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	780.354004
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1889785610
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-134217728
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.109999999
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.465000004
k_EOTDefltPosition_HwDeg_u12p4	2480
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	5120
k_EOTEnterLPFKn_Cnt_u16	4533
k_EOTExitLPFKn_Cnt_u16	4444
k_EOTImpSpdEn_Kph_u9p7	8576
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	109.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	3556
k_MaxRackTrvl_HwDeg_u12p4	2272
k_MinRackTrvl_HwDeg_u12p4	9424
k_PosRampStep_HwDeg_u12p4	3744
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	90
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1520

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2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TALCILA
Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4544
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4560
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4576
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	880
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2624
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2640
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2656
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1520
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4544
12_EOTEnterGainX_HwDeg_u12p4[2][2]	4560
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4576
12_EOTEnterGainX_HwDeg_u12p4[3][0]	2160 6464
t2_EOTEnterGainX_HwDeg_u12p4[3][1] t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6480
12_EOTEIRE/GainX_HwDeg_u12p4[3][3]	6496
12_EOTEINE/Gain/_TW05g_u12p4[0][0] 12_EOTEINE/Gain/_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	7
t2_EOTEnterGainY_Uls_u1p15[0][2]	59
2_EOTEnterGainY_Uls_u1p15[0][3]	573
2_EOTEnterGainY_Uls_u1p15[1][0]	8
2_EOTEnterGainY_Uls_u1p15[1][1]	9
12_EOTEnterGainY_Uls_u1p15[1][2]	118
2_EOTEnterGainY_Uls_u1p15[1][3]	1144
2_EOTEnterGainY_Uls_u1p15[2][0]	5
2_EOTEnterGainY_Uls_u1p15[2][1]	6
2_EOTEnterGainY_Uls_u1p15[2][2]	39
t2_EOTEnterGainY_Uls_u1p15[2][3]	383
2_EOTEnterGainY_Uls_u1p15[3][0]	573
t2_EOTEnterGainY_Uls_u1p15[3][1]	59
2_EOTEnterGainY_Uls_u1p15[3][2]	6
2_EOTEnterGainY_Uls_u1p15[3][3]	7
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	380
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	538
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	455
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	646
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	334 474
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	414
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	581
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	352
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4272
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1088
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1472
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	704
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3408
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	560
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	944
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	54
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	380
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	349
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	495
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	440
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	624
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	122
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	173
E_EOTDmpVspd_Kph_u9p7[0]	7040
E_EOTDmpVspd_Kph_u9p7[1]	20992
_EOTDmpVspd_Kph_u9p7[2]	21120
EEOTDmpVspd_Kph_u9p7[3]	21248
t_EOTEnterGainVspd_Kph_u9p7[0]	7040
_EOTEnterGainVspd_Kph_u9p7[1]	20992
_EOTEnterGainVspd_Kph_u9p7[2]	21120
_EOTEnterGainVspd_Kph_u9p7[3]	21248
_SpdlptTblXTbl_HwDeg_u12p4[0]	480 624
:_SpdlptTblXTbl_HwDeg_u12p4[1]	560
:_SpdlptTblYTbl_MtrRadpS_u12p4[0]	
:_SpdlptTblYTbl_MtrRadpS_u12p4[1]	944 768
:_TrqTableX_HwNm_u8p8[0]	1280
t_TrqTableX_HwNm_u8p8[1] t_TrqTblY_Uls_u2p14[0]	344
t_TrqTbIY_UIs_u2p14[1] t_TrqTbIY_UIs_u2p14[1]	344 426
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-333.082001

EOTActuatorMng_PrevEOTGain_Uls_M_f32

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

EOTActuatorMng_SESState_Uls_M_enum

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1111.02002		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.95599997		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	400.540009		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	5.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.561999977		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	28.698		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTD	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr$	target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3:	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg$	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulerstand and the property of the proper$	target_EOTActuatorMng_Per1_HandWheel	Auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_tracking and tracking and $	target_EOTActuatorMng_Per1_HwTorque_h	łwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mi	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.78112006	3.78112006 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	780.354004	780.354004 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1759103753	1759103753 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-121928192	-121928192 ± 1	✓
EOTActuatorMng OutputRampMultLtd M f32	0.561999977	0.561999977 ± 0.00390625	~

T ·				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	•

0.819122314

3.78112006

0.819122314

8.80000019

SES_DISABLED

0.819122314 ± 0.0625

3.78112006 ± 0.00048828125

0.819122314 ± 0.0000390625

8.80000019 ± 0.00048828125

SES_DISABLED

Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	4.19999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	123.875
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1653562409
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	134217728
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.889999986
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.99000001
k_EOTDefltPosition_HwDeg_u12p4	2480
k_EOTDeltaTrqThrsh_HwNm_u9p7	128
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	6443
k_EOTExitLPFKn_Cnt_u16	5555
k_EOTImpSpdEn_Kph_u9p7	8704
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	113.489998
k_EOTStateHwTrqLPFKn_Cnt_u16	2538

2015-06-29, 18:06:03+0530



Name	Input Value	
Name k_MaxRackTrvl_HwDeg_u12p4	input Value 2288	
k_MinRackTrvI_HwDeg_u12p4	7104	
k_PosRampStep_HwDeg_u12p4	5136	
k SoftStopEOTEnable Cnt Igc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	91	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1536	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4592	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4608	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4624	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	896	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2672	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2688	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2704	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1536	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4592	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4608	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4624	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2176	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6512	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6528	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6544	
2_EOTEnterGainY_Uls_u1p15[0][0]	6	
2_EOTEnterGainY_Uls_u1p15[0][1]	7	
2_EOTEnterGainY_Uls_u1p15[0][2]	69 668	
2_EOTEnterGainY_Uls_u1p15[0][3]	8	
2_EOTEnterGainY_Uls_u1p15[1][0] 2_EOTEnterGainY_Uls_u1p15[1][1]	9	
2_EOTEItterGain1_Dis_u1p15[1][1] 2_EOTEItterGain1_Uls_u1p15[1][2]	127	
2_EOTEIRE/GainY_Uls_u1p15[1][3]	1239	
2_EOTEnterGainY_Uls_u1p15[7][0]	6	
2_EOTEING/GainY_Uls_u1p15[2][0]	6	
2_EOTEnterGainY_Uls_u1p15[2][2]	49	
2_EOTEnterGainY_Uls_u1p15[2][3]	478	
2_EOTEnterGainY_Uls_u1p15[3][0]	668	
12_EOTEnterGainY_Uls_u1p15[3][1]	69	
2_EOTEnterGainY_Uls_u1p15[3][2]	6	
t2_EOTEnterGainY_Uls_u1p15[3][3]	7	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	395	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	560	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	471	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	667	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	349	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	495	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	425	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	603	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	384	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4288	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1104	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1488	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	256	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	3424	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	576	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	960	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	56	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	395	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	365	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	517	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	455	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	646	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	137	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	194	
_EOTDmpVspd_Kph_u9p7[0]	7168	
_EOTDmpVspd_Kph_u9p7[1]	21376	
_EOTDmpVspd_Kph_u9p7[2]	21504	
_EOTDmpVspd_Kph_u9p7[3]	21632	
_EOTEnterGainVspd_Kph_u9p7[0]	7168	
_EOTEnterGainVspd_Kph_u9p7[1]	21376	
_EOTEnterGainVspd_Kph_u9p7[2]	21504	
:_EOTEnterGainVspd_Kph_u9p7[3]	21632 496	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	640	
t_SpdlptTblXTbl_HwDeg_u12p4[1]	576	
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	570	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

			1 - 10 - 10
Name	Input Value		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1024		
t_TrqTblY_Uls_u2p14[0]	360		
t_TrqTbIY_Uls_u2p14[1]	442		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-330.341003		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1200.28003		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.349999994		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-140.546005		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-5.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-900.099976		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.224000007		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	29.1410007		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_ApACTuatorMng_A$	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\$	target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3$	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcolor=0.00000000000000000000000000000000000$	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EO$	target_EOTActuatorMng_Per1_HandWheelA	Auth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.97301984	3.97302008 ± 0.0000390625	· •
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	123.875	123.875 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1495303000	1495303000 ± 1	✓
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	132593408	132593408 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.224000007	0.224000007 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.696289063	0.696289063 ± 0.0625	✓

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Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	-
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	~

SES_NORMAL

3.97301984

0.696289063

8.80000019

SES_NORMAL

3.97302008 ± 0.00048828125

0.696289063 ± 0.0000390625

8.80000019 ± 0.00048828125

Test Step 2.28 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	4.4000001	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	890.041016	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1417339208	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-117440512	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.779999971	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.606000006	
k_EOTDefltPosition_HwDeg_u12p4	1600	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	

EOTActuatorMng_SESState_Uls_M_enum

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1		MACILAL
Name	Input Value	
k_EOTDynConf_Uls_u8p8	10240	
k_EOTEnterLPFKn_Cnt_u16	3476	
<_EOTExitLPFKn_Cnt_u16	6666	
c_EOTImpSpdEn_Kph_u9p7	8832	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	117.540001	
k_EOTStateHwTrqLPFKn_Cnt_u16	8564	
k_MaxRackTrvl_HwDeg_u12p4	2304	
k_MinRackTrvl_HwDeg_u12p4	8880	
k_PosRampStep_HwDeg_u12p4	1968	
k_SoftStopEOTEnable_Cnt_lgc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	91	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1552	
2_EOTEnterGainX_HwDeg_u12p4[0][1]	4640	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	4656	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	4672	
2_EOTEItterGainX_11wDeg_u12p4[0][0] 2_EOTEItterGainX_HwDeg_u12p4[1][0]	912	
	2720	
2_EOTEnterGainX_HwDeg_u12p4[1][1]		
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2736	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2752	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1552	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4640	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4656	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4672	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2192	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6560	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6576	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6592	
2_EOTEnterGainY_Uls_u1p15[0][0]	7	
2_EOTEnterGainY_Uls_u1p15[0][1]	7	
2_EOTEnterGainY_Uls_u1p15[0][2]	78	
2_EOTEnterGainY_Uls_u1p15[0][3]	763	
2_EOTEnterGainY_Uls_u1p15[1][0]	9	
2_EOTEnterGainY_Uls_u1p15[1][1]	9	
2_EOTEnterGainY_Uls_u1p15[1][2]	137	
12_EOTEnterGainY_Uls_u1p15[1][3]	1334	
t2_EOTEnterGainY_Uls_u1p15[2][0]	6	
12_EOTEnterGainY_Uls_u1p15[2][1]	7	
12_EOTEnterGainY_Uls_u1p15[2][2]	59	
t2_EOTEnterGainY_Uls_u1p15[2][3]	573	
t2_EOTEnterGainY_Uls_u1p15[3][0]	763	
12_EOTEnterGainY_Uls_u1p15[3][1]	78	
12_EOTEnterGainY_UIs_u1p15[3][1] 12_EOTEnterGainY_UIs_u1p15[3][2]	7	
	7	
2_EOTENBERGAINY_UIS_u1p15[3][3]		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	410	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	581	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	69	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	486	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	365	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	517	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	440	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	624	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	896	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	4304	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1120	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1504	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	288	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3440	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	592	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	976	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	452	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	934	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	62	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	87	
2_EOTP osDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	10	
	452	
2_EOTPosDopDmpTblY_MtrNmpRadpS_u0p16[2][1]		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	62	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	87	
_EOTDmpVspd_Kph_u9p7[0]	7296	
_EOTDmpVspd_Kph_u9p7[1]	21760	
_EOTDmpVspd_Kph_u9p7[2]	21888	
:_EOTDmpVspd_Kph_u9p7[3]	22016	
	7296	

2015-06-29, 18:06:03+0530



Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[1]	21760		
t_EOTEnterGainVspd_Kph_u9p7[2]	21888		
t_EOTEnterGainVspd_Kph_u9p7[3]	22016		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	512		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	656		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	592		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	976		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	768		
t_TrqTblY_Uls_u2p14[0]	377		
t_TrqTblY_Uls_u2p14[1]	459		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-444.041992		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1211.33997		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.897000015		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	111.893997		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	6.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	900.200012		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0309999995		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	30.0559998		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_$	target_EOTActuatorMng_Per1_AssistEOTGa	nin_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3$	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3222222222222222222222222222222222222$	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgenerate and the property of the prope$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuat$	Auth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32		
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelPos_Hwleres$	Pos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_H$	HwNm_f: target_EOTActuatorMng_Per1_HwTorque_HwNm_f32		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuatorMng_InstAp_In$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_enderset.$	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
FOTA structural discrete Paragina Metables M. 622	4 63500034	4 63507006 + 0 0000300635	

talgot_lito_niot_lip_zo // totaatoninig.zo // totaatoninig_li of /_volinicopood_lipii_	_ targete in total terming_r or i_vermine epoc	apo2	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.63508034	4.63507986 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	890.041016	890.041016 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1344819420	1344819420 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-87843328	-87843328 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0309999995	0.0309999995 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.626220703	0.626220703 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.63508034	4.63507986 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.626220703	0.626220703 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.29 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	4.5999999	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	355.032013	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1181116006	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	117440512	

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



EOTACIUAIONING_Peri		MACILIA
Name	Input Value	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.670000017	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
c_EOTActiveRegionBypassMaxThresh_Uls_f32	0.91900003	
C_EOTDefltPosition_HwDeg_u12p4	4080	
c_EOTDeltaTrqThrsh_HwNm_u9p7	1024	
c_EOTDynConf_Uls_u8p8	12800	
C_EOTEnterLPFKn_Cnt_u16	8456	
C_EOTExitLPFKn_Cnt_u16	7777	
c_EOTImpSpdEn_Kph_u9p7	8960	
C_EOTOriginalImpactandSoftEnd_Cnt_lgc	0	
EOTPosDepDempFinalSlew MtrNmpS T f32	121.589996	
EOTStateHwTrgLPFKn Cnt u16	3756	
 _MaxRackTrvl_HwDeg_u12p4	2320	
MinRackTrvl_HwDeg_u12p4	12448	
_PosRampStep_HwDeg_u12p4	11008	
_SoftStopEOTEnable_Cnt_lgc	0	
_SpdlptScale_MtrNmpRadpS_u4p12	91	
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1568	
	4688	
2_EOTEnterGainX_HwDeg_u12p4[0][1]		
2_EOTEnterGainX_HwDeg_u12p4[0][2]	4704	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	4720	
P_EOTEnterGainX_HwDeg_u12p4[1][0]	928	
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2768	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2784	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2800	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1568	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4688	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4704	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4720	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2208	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6608	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6624	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6640	
2_EOTEnterGainY_Uls_u1p15[0][0]	7	
2_EOTEnterGainY_Uls_u1p15[0][1]	8	
2_EOTEnterGainY_Uls_u1p15[0][2]	88	
2_EOTEnterGainY_Uls_u1p15[0][3]	859	
2 EOTEnterGainY Uls u1p15[1][0]	9	
2_EOTEnterGainY_Uls_u1p15[1][1]	10	
2_EOTEnterGainY_Uls_u1p15[1][2]	147	
2_EOTEnterGainY_Uls_u1p15[1][3]	1429	
2_EOTEnterGainY_Uls_u1p15[2][0]	5	
2_EOTEnterGainY_Uls_u1p15[2][1]	6	
2_EOTEnterGainY_Uls_u1p15[2][2]	29	
2_EOTEnterGainY_Uls_u1p15[2][3]	288	
2_EOTETITERGAINT_DIS_u1p15[2][0] 2_EOTENTERGAINY_UIS_u1p15[3][0]		
	859	
2_EOTEnterGainY_Uls_u1p15[3][1]	88	
2_EOTEnterGainY_Uls_u1p15[3][2]	7	
2_EOTEnterGainY_Uls_u1p15[3][3]	8	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	425	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	603	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	13	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	501	
P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	304	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	431	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	455	
P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	646	
P_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	928	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	4320	
P_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	1280	
P_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	736	
P_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640	
P_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	3456	
P_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	608	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	992	
P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	52	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	68	
2_EOTP osDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	77	
	108	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	68	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	515	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	77	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTACIdatoriving_Feri			CILCITO II
Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	108		
t EOTDmpVspd Kph u9p7[0]	7424		
t EOTDmpVspd Kph u9p7[1]	22144		
t_EOTDmpVspd_Kph_u9p7[2]	22272		
t EOTDmpVspd Kph u9p7[3]	22400		
t_EOTEnterGainVspd_Kph_u9p7[0]	7424		
t EOTEnterGainVspd Kph u9p7[1]	22144		
t EOTEnterGainVspd Kph u9p7[2]	22272		
t EOTEnterGainVspd Kph u9p7[3]	22400		
t SpdlptTblXTbl HwDeg u12p4[0]	528		
t_SpdIptTbIXTbI_HwDeg_u12p4[1]	672		
t_SpdIptTbIYTbl_MtrRadpS_u12p4[0]	608		
t SpdlptTblYTbl MtrRadpS u12p4[1]	992		
t TrqTableX HwNm u8p8[0]	512		
t TrqTableX_IMMI_acpotoj	1024		
t_TrqTblY_Uls_u2p14[0]	393		
t TrqTbIY Uls u2p14[1]	475		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-440.040985		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	1		
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	1300.46997		
	0		
target_EOTActuatorMng_Per1_CwFound_Cnt_Igc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	-		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.569999993		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-111.456001		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-6.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.00499999989		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0219999999		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	0		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDam			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDe			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnternstand (Content of the Content of the Con$,	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDe			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Results = 0.0000000000000000000000000000000000$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cr			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAutherstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos			
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwMax = 1.000 + 1.000$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRa	adpS target_EOTActuatorMng_Per1_Motor	Vel_MtrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMu$	ultLtd_target_EOTActuatorMng_Per1_Outpu	ıtRampMultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed I	Kph target_EOTActuatorMng_Per1_Vehic	leSpeed_Kph_f32	
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	4.35682011	4.35682011 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	255	255 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1035985678	1035985678 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	116959744	116959744 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0219999999	0.0219999999 ± 0.00390625	
EOTActuatorMng_PrevEOTGain_UIs_M_f32	0.482391357	0.482391357 ± 0.0625	
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED	SES DISABLED	
			

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value		0.844127178 0.84412717	8 ± 0.00048828125	•
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReact	ned 1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓

Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached

4.35682011

0.482391357

 $Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached$

target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

4.35682011 ± 0.00048828125

0.482391357 ± 0.0000390625



Name Implications EOTAcatastring, Damong, Minny, M.S2 4,8000000 EOTAcatastring, Entirequibles, Publics, M. 1224 4,8000000 EOTAcatastring, Entirequibles, Publics, M. 1224 1,0000000 EOTAcatastring, Entirequibles, Morbe, M. 1224 0,800000000 EOTAcatastring, Entirequibles, Morbe, M. 1224 0,800000000 Bill, Junk, A., EOTAcatastring, Entirequibles, Morbe, M. 1224 0,80000000 Bill, Junk, A., EOTAcatastring, Entirequibles, Morbe, M. 1224 0,80000000 Bill, Junk, A., EOTAcatastring, Junk, Markey B. 1024 0,80000000 Bill, Junk, A., EOTAcatastring, Junk, Markey B. 1024 1,800 Bill, Junk, A., E., E., E., E., E., E., E., E., E., E	Test Step 2.30 (Repeat Count = 1)	√
CONTAMENTAL CHARGE 1997		Input Value
SOFTWARD MANUAL PRINCIPAL MAY MAY		·
EO/Technotring_FiscOTame(s)_Inher_M_stp24 -0085286 EO/Technotring_PiscOTame(s)_Inher_M_stp24 -0085286 EO/Technotring_PiscOTame(s)_Inher_M_stp24 -00850286 EO/Technotring_PiscOTame(s)_Inher_M_stp24 -008502000000000000000000000000000000000		
EDITALEMENTAL 1976		
EO/Actionating Sprice(Colors In J. 102) Ref Peris Ap, EO/Actionating SES, PETENIS Ref Peris Ap, EO/Actiona		
EDTAMENSANDE SESSIBLE U.B. M. HERM Mary Not Control Contro	0_	
SECTOREPRISONED PARCO 1729 589		SES_ENTERING
K. EOTDHATCH NAME, UPD7 588 K. EOTDHATCH LINE JOSB 1580 K. EOTDHATCH LINE JOSB 1580 K. EOTTHATCH COLL UPG 688 K. EOTTHATCH SELD, UPG7 908 K. EOTTHATCH SELD, UPG7 908 K. EOTTHATCH SELD, UPG7 908 K. EOTTHATCH SELD, UPG7 145 K. EOTTHATCH SELD, UPG7 147 K. EOTTHATCH SELD, UPG7 147 K. EOTTHATCH SELD, UPG7 1584 K. EOTTHATCH SELD, UPG7 1584 K. EOTTHATCH SELD, UPG7 1584 K. EOTTHATCH SELD, UPG7 178 <	Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
SCOTOPACON US US US US	k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.273000002
K.DOTTMENDERNO, CUT.JUS	k_EOTDefltPosition_HwDeg_u12p4	5680
BOTTEME EPRIC ORL 115 6886	k_EOTDeltaTrqThrsh_HwNm_u9p7	896
ECTEALPROL_DIL_UNITY S886	k_EOTDynConf_Uls_u8p8	15360
RECTIONS SECTION 15 1 1 1 1 1 1 1 1 1	k_EOTEnterLPFKn_Cnt_u16	464
k.EOTopialingoatanSocieties Cut Jos 1 k.EOTSSacherins Sew. Minnes, T.02 25.639999 k.EOTSSacherin Sew. John Sew. Joseph Sew. Josep	k_EOTExitLPFKn_Cnt_u16	8888
No. 12.5 1	k_EOTImpSpdEn_Kph_u9p7	9088
Microschwing Princ, Ord, up	k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
Maracarton Hoologu 1224 1956 19	k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	
Maracatrol Hvolog.ut2p4 10966	k_EOTStateHwTrqLPFKn_Cnt_u16	
EPOREAGE MANUEL, CALL De 1		
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Page	t2_EOTEnterGainY_Uls_u1p15[0][0]	7
Page		8
Part	t2_EOTEnterGainY_Uls_u1p15[0][2]	98
Part	t2_EOTEnterGainY_Uls_u1p15[0][3]	954
157	t2_EOTEnterGainY_Uls_u1p15[1][0]	9
1524	t2_EOTEnterGainY_Uls_u1p15[1][1]	10
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t2_EOTEnterGainY_Uls_ulp15[2][1] 6 t2_EOTEnterGainY_Uls_ulp15[2][2] 39 t2_EOTEnterGainY_Uls_ulp15[2][3] 383 t2_EOTEnterGainY_Uls_ulp15[3][0] 954 t2_EOTEnterGainY_Uls_ulp15[3][1] 98 t2_EOTEnterGainY_Uls_ulp15[3][2] 7 t2_EOTEnterGainY_Uls_ulp15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 362 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 364	t2_EOTEnterGainY_Uls_u1p15[1][3]	1524
t2_EOTEnterGainY_Uls_u1p15[2][2] 39 t2_EOTEnterGainY_Uls_u1p15[2][3] 383 t2_EOTEnterGainY_Uls_u1p15[3][0] 954 t2_EOTEnterGainY_Uls_u1p15[3][1] 98 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 73 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 452 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTEXPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640	t2_EOTEnterGainY_Uls_u1p15[2][0]	
t2_EOTEnterGainY_Uls_u1p15[2][3] 383 t2_EOTEnterGainY_Uls_u1p15[3][0] 954 t2_EOTEnterGainY_Uls_u1p15[3][1] 98 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTENterGainY_Uls_u1p15[3][3] 8 t2_EOTENcDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 319 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTEnterGainY_Uls_u1p15[3][0] 954 t2_EOTEnterGainY_Uls_u1p15[3][1] 98 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][2] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 516 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTExPosDepDmpTblY_MtvDmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTEnterGainY_Uls_u1p15[3][1] 98 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 516 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 440 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 471 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 624 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 516 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 471 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 73 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 516 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 471 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 516 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 319 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 452 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 66 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 471 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4336 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 352 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3472 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 640		
		640
IZ_EUTPOSDEPDMPTBIX_HWDeg_u12p4[3][1] 4016	t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4016

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Nome	Innut Value		
Name t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	698		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][0]	92		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	130		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	698		
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1]	983		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0]	92		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	130		
t_EOTDmpVspd_Kph_u9p7[0]	7552		
t EOTDmpVspd Kph u9p7[1]	22528		
t_EOTDmpVspd_Kph_u9p7[2]	22656		
t_EOTDmpVspd_Kph_u9p7[3]	22784		
t_EOTEnterGainVspd_Kph_u9p7[0]	7552		
t_EOTEnterGainVspd_Kph_u9p7[1]	22528		
t_EOTEnterGainVspd_Kph_u9p7[2]	22656		
t_EOTEnterGainVspd_Kph_u9p7[3]	22784		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	544		
t_SpdIptTblXTbl_HwDeg_u12p4[1]	688		
t_SpdIptTbIYTbl_MtrRadpS_u12p4[0]	624		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1008		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	256		
t_TrqTbIY_UIs_u2p14[0]	410		
t_TrqTblY_Uls_u2p14[1]	492		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-555.570007		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1311.89001		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.680000007		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	222.449997		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	7.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.00600000005		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.920000017		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	511.992188	amming Machine 622	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	· · · · · · · · · · · · · · · · · · ·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrl target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f(
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_C	- -	
target Rte Inst Ap EOTActuatorMing.EOTActuatorMing Per1 EOTDisable Cnt Ig			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.54872036	4.54871988 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	454.779999	454.779999 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	938207029	938207029 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-71439360	-71439360 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.920000017	0.920000017 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.436859131	0.436859131 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.54872036	4.54871988 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.436859131	0.436859131 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.31 (Repeat Count = 1)	→
Name	Input Value
EOTActuatorMng Damping MtrNm M f32	5
EOTActuatorMng EOTImpactPos HwDeg M f32	890.650024
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	708669604
EOTActuatorMng_FilteOTGaliiSV_HwNm_M_s7p24	100663296
	0.560000002
EOTActuatorMng_PrevEOTGain_Uls_M_f32	SES NORMAL
EOTActuatorMng_SESState_Uls_M_enum	_
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng 0.875999987
k_EOTActiveRegionBypassMaxThresh_Uls_f32 k_EOTDefltPosition_HwDeg_u12p4	7280
k EOTDeltaTrqThrsh HwNm u9p7	768
	0
k_EOTDynConf_Uls_u8p8	3356
k_EOTEnterLPFKn_Cnt_u16	9999
k_EOTExitLPFKn_Cnt_u16	
k_EOTImpSpdEn_Kph_u9p7	9216 0
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	129.690002
k_EOTStateHwTrqLPFKn_Cnt_u16	4765
k_MaxRackTrvl_HwDeg_u12p4	2352
k_MinRackTrvl_HwDeg_u12p4	14208
k_PosRampStep_HwDeg_u12p4	10656
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	92
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4784
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4800
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4816
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	960
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2864
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2880
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2896
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1600
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4784
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4800
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4816
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2240
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6704
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6720
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6736
t2_EOTEnterGainY_Uls_u1p15[0][0]	8
t2_EOTEnterGainY_Uls_u1p15[0][1]	8
t2_EOTEnterGainY_Uls_u1p15[0][2]	108
t2_EOTEnterGainY_Uls_u1p15[0][3]	1049
t2_EOTEnterGainY_Uls_u1p15[1][0]	10
t2_EOTEnterGainY_Uls_u1p15[1][1]	10
t2_EOTEnterGainY_Uls_u1p15[1][2]	167
t2_EOTEnterGainY_Uls_u1p15[1][3]	1619
t2_EOTEnterGainY_Uls_u1p15[2][0]	6
t2_EOTEnterGainY_Uls_u1p15[2][1]	6
t2_EOTEnterGainY_Uls_u1p15[2][2]	49
t2_EOTEnterGainY_Uls_u1p15[2][3]	478
t2_EOTEnterGainY_Uls_u1p15[3][0]	1049
t2_EOTEnterGainY_Uls_u1p15[3][1]	108

2015-06-29, 18:06:03+0530



EOTActuatorMng Per1 Input Value t2 EOTEnterGainY_Uls_u1p15[3][2] 8 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0] 77 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 108 t2 EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 365 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 517 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 32 $t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]$ 44 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 365 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]$ 517 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 0 4480 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 5760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4032 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 713 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 102 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 452 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 713 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 935 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 102 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 452 t_EOTDmpVspd_Kph_u9p7[0] 7680 t_EOTDmpVspd_Kph_u9p7[1] 22912 t_EOTDmpVspd_Kph_u9p7[2] 23040 t_EOTDmpVspd_Kph_u9p7[3] 23168 7680 t EOTEnterGainVspd Kph u9p7[0] t_EOTEnterGainVspd_Kph_u9p7[1] 22912 t EOTEnterGainVspd Kph u9p7[2] 23040 t_EOTEnterGainVspd_Kph_u9p7[3] 23168 t_SpdlptTblXTbl_HwDeg_u12p4[0] 320 704 t_SpdlptTblXTbl_HwDeg_u12p4[1] t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 640 1024 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] t_TrqTableX_HwNm_u8p8[0] 1536 t TrgTableX HwNm u8p8[1] t_TrqTblY_Uls_u2p14[0] 426 508 t TrqTbIY Uls u2p14[1] target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -550.164001 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value $target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value$ 1400 67004 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 1 $target_EOTActuatorMng_Per1_EOTD is able_Cnt_lgc.value$ 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.790000021 $target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value$ -222 414001 -7.5 target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value target_EOTActuatorMng_Per1_MotorVel MtrRadpS f32.value -0.00700000022 $target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value$ 0.493999988 target EOTActuatorMng Per1 VehicleSpeed Kph f32.value 70.0999985 $target_Rte_inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTActuatorMng$ target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTGain_Uls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 $target_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Mtr^{\dagger} target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ \ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ \ target_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ \ target_EOTActuatorMng_EOT$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CwFound_Cn$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc \\ target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc \\ t$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_f: \\ target_EOTActuatorMng_Per1_HwTorque_HwNm_f32$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLtd target EOTActuatorMng Per1 OutputRampMultLtd Uls f32 target_Rte_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.74062014	4.74062014 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	890.650024	890.650024 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	676062708	676062708 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	102493056	102493056 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.493999988	0.493999988 ± 0.00390625	~

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.314788818	0.314788818 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.74062014	4.74062014 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.314788818	0.314788818 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	✓

Name	Input Value
EOTActuatorMng Damping MtrNm M f32	5.19999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	472446403
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	-83886080
EOTActuatorMng PrevEOTGain Uls M f32	0.44999988
EOTActuatorMng SESState Uls M enum	SES ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
EOTActiveRegionBypassMaxThresh Uls f32	0.349000007
C_EOTDefltPosition_HwDeg_u12p4	8880
C EOTDeltaTrgThrsh HwNm u9p7	640
C_EOTDynConf_Uls_u8p8	20480
C EOTEnterLPFKn Cnt u16	7544
C_EOTExitLPFKn_Cnt_u16	543
C_EOTImpSpdEn_Kph_u9p7	3968
EOTOriginalImpactandSoftEnd Cnt lgc	1
C_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	133.740005
<pre>c_EOTStateHwTrqLPFKn_Cnt_u16</pre>	7464
C_MaxRackTrvl_HwDeg_u12p4	2368
<pre>c_MinRackTrvl_HwDeg_u12p4</pre>	15984
c_PosRampStep_HwDeg_u12p4	8880
<pre><_SoftStopEOTEnable_Cnt_lgc</pre>	1
C_SpdIptScale_MtrNmpRadpS_u4p12	93
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1616
2_EOTEnterGainX_HwDeg_u12p4[0][1]	4832
2_EOTEnterGainX_HwDeg_u12p4[0][2]	4848
2_EOTEnterGainX_HwDeg_u12p4[0][3]	4864
2_EOTEnterGainX_HwDeg_u12p4[1][0]	976
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2912
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2928
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2944
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1616
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4832
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4848
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4864
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2256
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6752
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6768
2_EOTEnterGainX_HwDeg_u12p4[3][3]	6784
2_EOTEnterGainY_Uls_u1p15[0][0]	8
2_EOTEnterGainY_Uls_u1p15[0][1]	9
2_EOTEnterGainY_Uls_u1p15[0][2]	118
2_EOTEnterGainY_Uls_u1p15[0][3]	1144
2_EOTEnterGainY_Uls_u1p15[1][0]	10
2_EOTEnterGainY_Uls_u1p15[1][1]	10
2_EOTEnterGainY_Uls_u1p15[1][2]	176

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[1][3]	1714
t2_EOTEnterGainY_Uls_u1p15[2][0]	6
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	59
t2_EOTEnterGainY_Uls_u1p15[2][3]	573
t2_EOTEnterGainY_Uls_u1p15[3][0]	1144
t2_EOTEnterGainY_Uls_u1p15[3][1]	118
t2_EOTEnterGainY_Uls_u1p15[3][2]	8
t2_EOTEnterGainY_Uls_u1p15[3][3]	9
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	92
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	130
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	16
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	22
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	77 108
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	336
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	960
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3200
t2 EOTPosDepDmpTbIX HwDeg u12p4[1][1]	4800
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	3520
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5760
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	704
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4048
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	103
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	728
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	122
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	173
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	728
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	964
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	122
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	173
t_EOTDmpVspd_Kph_u9p7[0]	7808
t_EOTDmpVspd_Kph_u9p7[1]	23296
t_EOTDmpVspd_Kph_u9p7[2]	23424
t_EOTDmpVspd_Kph_u9p7[3]	23552
t_EOTEnterGainVspd_Kph_u9p7[0]	7808 23296
t_EOTEnterGainVspd_Kph_u9p7[1] t EOTEnterGainVspd Kph u9p7[2]	23424
t EOTEnterGainVspd_Kphr_u9p7[2]	23552
t_SpdlptTblXTbl_HwDeg_u12p4[0]	336
t_SpdlptTblXTbl_HwDeg_u12p4[1]	720
t_SpdIptTbIYTbl_MtrRadpS_u12p4[0]	656
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1040
t TrqTableX HwNm u8p8[0]	1024
t_TrqTableX_HwNm_u8p8[1]	1280
t_TrqTblY_Uls_u2p14[0]	442
t_TrqTblY_Uls_u2p14[1]	524
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-666.47998
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1405.15002
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	333.256989
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	8.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-150
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.291999996
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	11.052
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr	
target_Rte_inst_Ap_EOTActuatorwing.EOTActuatorwing_Per1_AssistEOTLimit_witr target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl CcwEOT_HWDeg_t	
target_Rte_inst_Ap_EOTActuatorWing.EOTActuatorWing_PerT_CcwFound_Cnt_igc target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_PerT_CwEOT_HwDeg_f3;	
target_Rte_Inst_Ap_EOTActuatorWing.EOTActuatorWing_Per1_CWEOT_HWDeg_13. target_Rte_Inst_Ap_EOTActuatorWing.EOTActuatorWing_Per1_CWFound_Cnt_lgc	target_EOTActuatorMng_Per1_CWEO1_HWDeg_132 target_EOTActuatorMng_Per1_CWEO1_HWDeg_132
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Ul	
	target EOTActuatorMng Per1 HandWheelPos HwDeg f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwarderseterseterseterseterseterseterseters$	target_EOTActuatorMng_Per1_HwTorque_HwNm_f32
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw\\target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_target_Rte_Inst_Ap_EOTActuatorMng_Per1_Rte_Inst_Ap_EOTActuatorMng_Rte_Ins$	target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.93251991	4.93251991 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0	0 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	426699587	426699587 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-58090496	-58090496 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.291999996	0.291999996 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.198669434	0.198669434 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.93251991	4.93251991 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.198669434	0.198669434 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.33 (Repeat Count = 1) Name	Input Value
EOTActuatorMng Damping MtrNm M f32	5,400001
EOTActuatorMng EOTImpactPos HwDeg M f32	1440.10999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	236223201
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	83886080
EOTActuatorMng PrevEOTGain Uls M f32	0.34000004
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL
Rte Inst Ap EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
C EOTActiveRegionBypassMaxThresh Uls f32	0.388000011
C_EOTActiveRegionBypassiviaxThlesh_ois_is2	10480
	1152
k_EOTDertaTrqThrsh_HwNm_u9p7	
k_EOTDynConf_Uls_u8p8	23040
C_EOTEnterLPFKn_Cnt_u16	3564
<pre><_EOTExitLPFKn_Cnt_u16</pre>	3355
k_EOTImpSpdEn_Kph_u9p7	4096
x_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
C_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	137.789993
<pre>c_EOTStateHwTrqLPFKn_Cnt_u16</pre>	1111
c_MaxRackTrvl_HwDeg_u12p4	2384
C_MinRackTrvl_HwDeg_u12p4	7312
c_PosRampStep_HwDeg_u12p4	7104
<pre>c_SoftStopEOTEnable_Cnt_lgc</pre>	0
C_SpdIptScale_MtrNmpRadpS_u4p12	93
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1632
2_EOTEnterGainX_HwDeg_u12p4[0][1]	4880
2_EOTEnterGainX_HwDeg_u12p4[0][2]	4896
2_EOTEnterGainX_HwDeg_u12p4[0][3]	4912
2_EOTEnterGainX_HwDeg_u12p4[1][0]	992
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2960
2_EOTEnterGainX_HwDeg_u12p4[1][2]	2976
2_EOTEnterGainX_HwDeg_u12p4[1][3]	2992
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1632
2_EOTEnterGainX_HwDeg_u12p4[2][1]	4880
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4896
2_EOTEnterGainX_HwDeg_u12p4[2][3]	4912
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2272
2_EOTEnterGainX_HwDeg_u12p4[3][1]	6800
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6816
12_EOTEnterGainX_HwDeg_u12p4[3][3]	6832
12_EOTEnterGainY_Uls_u1p15[0][0]	8

2015-06-29, 18:06:03+0530



	Input Value
	9
	127
t2_EOTEnterGainY_Uls_u1p15[0][3]	1239
t2_EOTEnterGainY_Uls_u1p15[1][0]	10
t2_EOTEnterGainY_Uls_u1p15[1][1] t2_EOTEnterGainY_Uls_u1p15[1][2]	186
t2_EOTEInterGain1_ots_u1p15[1][2] t2_EOTEInterGain1_ots_u1p15[1][3]	1809
	6
	7
	69
	668
t2_EOTEnterGainY_Uls_u1p15[3][0]	1239
t2_EOTEnterGainY_Uls_u1p15[3][1]	127
t2_EOTEnterGainY_Uls_u1p15[3][2]	8
t2_EOTEnterGainY_Uls_u1p15[3][3]	9
_ , , _ , , _ , , , , , , , , ,	4
	26
_ , , _ , , _ , , , , , , , , , , , , ,	395
_ , , _ , , _ , , , , , , , , , , , , ,	560
	62
	87
	92
	130 352
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	352 1440
	3360
	4960
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4640
	5760
_ , ,	784
	4064
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	105
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	740
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	137
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	194
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	74
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	105
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	137
	194
_	7936
	23680
_ , , _ , _ , ,	23808 23936
_ , , _ , _ , ,	7936
t_EOTEnterGainVspd_Kph_u9p7[1]	23680
	23808
_	23936
	352
	736
_ , , , , , ,	672
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1056
t_TrqTableX_HwNm_u8p8[0]	512
t_TrqTableX_HwNm_u8p8[1]	1024
t_TrqTbIY_Uls_u2p14[0]	459
t_TrqTbIY_UIs_u2p14[1]	541
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-660.487
0 = 0 = 0 = 0	1
	765.340027
·	0
0 _ 0	0
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1 -333.140991
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-333.140991 -8.5
	-8.5 250
	0.55400002
target_EOTActuatorMng_Per1_OutputRampMultLtd_Ois_is2.value target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	12.5220003
	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	
	target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1	
	target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3$	target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3$	target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.12442017	5.12442017 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	996.109985	996.109985 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	223407057	223407057 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	84881536	84881536 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.55400002	0.55400002 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.104003906	0.104003906 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	5.12442017	5.12442017 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.104003906	0.104003906 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	•
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	-
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Took Ston 2.24 (Depost Count = 4)	مي ا
Test Step 2.34 (Repeat Count = 1)	Input Value
	5.5999999
EOTActuatorMng_Damping_MtrNm_M_f32	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.200012
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1932735283
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-67108864
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.230000004
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.217999995
k_EOTDefltPosition_HwDeg_u12p4	12080
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024
k_EOTDynConf_Uls_u8p8	25600
k_EOTEnterLPFKn_Cnt_u16	6543
k_EOTExitLPFKn_Cnt_u16	3535
k_EOTImpSpdEn_Kph_u9p7	4224
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	141.839996
k_EOTStateHwTrqLPFKn_Cnt_u16	2537
k_MaxRackTrvl_HwDeg_u12p4	2400
k_MinRackTrvl_HwDeg_u12p4	12064
k_PosRampStep_HwDeg_u12p4	5328
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	544
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1632
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1648
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1008
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	3008
t2 EOTEnterGainX HwDeg u12p4[1][2]	3024
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	3040
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1648

2015-06-29, 18:06:03+0530



EOTActuatorwing_PerT	MACIMI
Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	4928
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	4944
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	4960
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	2288
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	6848
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	6864
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6880
t2_EOTEnterGainY_Uls_u1p15[0][0]	9
t2_EOTEnterGainY_Uls_u1p15[0][1]	9
t2_EOTEnterGainY_Uls_u1p15[0][2]	137
t2_EOTEnterGainY_Uls_u1p15[0][3]	1334
t2_EOTEnterGainY_Uls_u1p15[1][0]	5
t2_EOTEnterGainY_Uls_u1p15[1][1]	5
t2_EOTEnterGainY_Uls_u1p15[1][2]	196
t2_EOTEnterGainY_Uls_u1p15[1][3]	1930
t2_EOTEnterGainY_Uls_u1p15[2][0]	7
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	78
t2_EOTEnterGainY_Uls_u1p15[2][3]	763
t2 EOTEnterGainY Uls u1p15[3][0]	1334
t2_EOTEnterGainY_Uls_u1p15[3][1]	137
t2 EOTEnterGainY Uls u1p15[3][2]	9
t2 EOTEnterGainY Uls u1p15[3][3]	9
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0]	122
t2 EOTExPosDepDmpTbIY MtrNmpRadps_u0p16[0][1]	173
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	538
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[2][0]	77
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	108
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	4
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	26
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	160
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	480
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	4800 5760
t2_EOTPosDepDmpTbIX_HwDog_u12p4[1][1]	1760
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	2672
t2_EOTPosDepDmpTbIX_HwDog_u12p4[2][1]	768
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4080
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	11
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	76
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	153
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	216
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	76
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	108
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	153
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	216
t_EOTDmpVspd_Kph_u9p7[0]	8064
t_EOTDmpVspd_Kph_u9p7[1]	24064
t_EOTDmpVspd_Kph_u9p7[2]	24192
t_EOTDmpVspd_Kph_u9p7[3]	24320
t_EOTEnterGainVspd_Kph_u9p7[0]	8064
t_EOTEnterGainVspd_Kph_u9p7[1]	24064
t_EOTEnterGainVspd_Kph_u9p7[2]	24192
t_EOTEnterGainVspd_Kph_u9p7[3]	24320
t_SpdlptTblXTbl_HwDeg_u12p4[0]	368
t_SpdlptTblXTbl_HwDeg_u12p4[1]	752
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	688
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1072
t_TrqTableX_HwNm_u8p8[0]	1792
t_TrqTableX_HwNm_u8p8[1]	2304
t_TrqTblY_Uls_u2p14[0]	475
t_TrqTblY_Uls_u2p14[1]	557
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-777.370972
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	876.583984
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	1
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	444.458008
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	9.5
0	
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-250

EOTActuatorMng_Per1



Name	Input Value		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	13.0539999		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	/Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32	wDeg_f32_target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	c target_EOTActuatorMng_Per1_CwFound_Cnt_lgc		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng_Per1_HandWheelA	.uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f.	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	rRadpS_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_	ItLtd target EOTActuatorMng Per1 OutputRampMultLtd Uls f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	[ph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
FOTActuatorMng Damping MtrNm M f32	5 31631994	5 31631994 + 0 0000390625	

target_Rte_Inst_Ap_EOTActuatorwing.EOTActuatorwing_Per1_venicleSpeed_Rpn_	target_EOTActuatoriving_PerT_venicleSpeed	1_kbii_195	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.31631994	5.31631994 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.200012	300.200012 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1748504032	1748504032 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-58340992	-58340992 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.995000005	0.995000005 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.814208984	0.814208984 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	5.31631994	5.31631994 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.814208984	0.814208984 ± 0.0000390625	-
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.35 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	5.80000019
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	466.350006
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1717986918
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167772160
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.119999997
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_UIs_f32	0.595000029
k_EOTDefltPosition_HwDeg_u12p4	7632
k_EOTDeltaTrqThrsh_HwNm_u9p7	896
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	7567
k_EOTExitLPFKn_Cnt_u16	8534
k_EOTImpSpdEn_Kph_u9p7	4352
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	145.889999
k_EOTStateHwTrqLPFKn_Cnt_u16	7454
k_MaxRackTrvl_HwDeg_u12p4	2416
k_MinRackTrvl_HwDeg_u12p4	10848
k_PosRampStep_HwDeg_u12p4	3552
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	560
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1664
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1680

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2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAZOLA
Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1696
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1024
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	3056
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3072
12_EOTEnterGainX_HwDeg_u12p4[1][3]	3088
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1664
I2_EOTEnterGainX_HwDeg_u12p4[2][1]	4976
2_EOTEnterGainX_HwDeg_u12p4[2][2]	4992
12_EOTEnterGainX_HwDeg_u12p4[2][3]	5008
2_EOTEnterGainX_HwDeg_u12p4[3][0]	2304
12_EOTEnterGainX_HwDeg_u12p4[3][1]	6896
2_EOTEnterGainX_HwDeg_u12p4[3][2]	6912
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	6928
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	29
12_EOTEnterGainY_Uls_u1p15[0][3]	288
2_EOTEnterGainY_Uls_u1p15[1][0]	5
2_EOTEnterGainY_Uls_u1p15[1][1]	6
2_EOTEnterGainY_Uls_u1p15[1][2]	290
2_EOTEnterGainY_Uls_u1p15[1][3]	2880
2_EOTEnterGainY_Uls_u1p15[2][0]	7
2_EOTEnterGainY_Uls_u1p15[2][1]	8
2_EOTEnterGainY_Uls_u1p15[2][2]	88
t2_EOTEnterGainY_Uls_u1p15[2][3]	859
2_EOTEnterGainY_Uls_u1p15[3][0]	288
2_EOTEnterGainY_Uls_u1p15[3][1]	29
t2_EOTEnterGainY_Uls_u1p15[3][2]	5
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	194
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	77
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1]	108
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	92
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	130
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0]	122
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1]	173
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	1600
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	3200
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	3200
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4800
12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800
12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4096
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	9
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	618
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	168
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	237
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	274
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	388
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	168
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	237
E_EOTDmpVspd_Kph_u9p7[0]	8192
_EOTDmpVspd_Kph_u9p7[1]	24448
_EOTDmpVspd_Kph_u9p7[2]	24576
_EOTDmpVspd_Kph_u9p7[3]	24704
_EOTEnterGainVspd_Kph_u9p7[0]	8192
_EOTEnterGainVspd_Kph_u9p7[0]	24448
_EOTEnterGainVspd_Kph_u9p7[1] _EOTEnterGainVspd_Kph_u9p7[2]	24576
_EOTEnterGainVspd_Kph_u9p7[2] _EOTEnterGainVspd_Kph_u9p7[3]	24704
_EOTETILe Gainvspu_kpii_uspr[3] _SpdlptTblXTbl_HwDeg_u12p4[0]	384
	768
_SpdlptTblXTbl_HwDeg_u12p4[1]	708
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	
_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1088
_TrqTableX_HwNm_u8p8[0]	1792
_TrqTableX_HwNm_u8p8[1]	2048
_TrqTblY_Uls_u2p14[0]	492
t_TrqTblY_Uls_u2p14[1]	573
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-770.85199
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	987.344971

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



Name	Input Value		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.479999989		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-444.540009		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-9.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	350		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.952000022		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	14.0419998		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTu$	target_EOTActuatorMng_Per1_AssistEOTGa	nin_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	g_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	gc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcolor=0.00000000000000000000000000000000000$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadp$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	ultLtd_ target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Ng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Ng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng_Ng$	_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.5082202	5.5082202 ± 0.0000390625	~
FOTA-trade-Man FOTIme-atDay Hurban M 600	400 050000	400.050000 . 0.000000000	

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.5082202	5.5082202 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	466.350006	466.350006 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1521804876	1521804876 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-130561792	-130561792 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.952000022	0.952000022 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.708618164	0.708618164 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	5.5082202	5.5082202 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.708618164	0.708618164 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	•

Test Step 2.36 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	6
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	244.160004
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1503238554
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.89999976
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0869999975
k_EOTDefltPosition_HwDeg_u12p4	4432
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
k_EOTDynConf_Uls_u8p8	30720
k_EOTEnterLPFKn_Cnt_u16	5644
k_EOTExitLPFKn_Cnt_u16	2527
k_EOTImpSpdEn_Kph_u9p7	4480
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	149.940002
k_EOTStateHwTrqLPFKn_Cnt_u16	2649
k_MaxRackTrvl_HwDeg_u12p4	2432

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value k MinRackTrvl_HwDeg_u12p4 11952 1776 k_PosRampStep_HwDeg_u12p4 k SoftStopEOTEnable_Cnt_lgc k_SpdlptScale_MtrNmpRadpS_u4p12 93 t2 EOTEnterGainX_HwDeg_u12p4[0][0] 576 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1712 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1728 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 1744 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 1040 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 3104 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 3120 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 3136 1680 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 5024 t2_EOTEnterGainX_HwDeg_u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2] 5040 5056 t2_EOTEnterGainX_HwDeg_u12p4[2][3] t2_EOTEnterGainX_HwDeg_u12p4[3][0] 2320 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 6944 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 6960 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 6976 t2_EOTEnterGainY_Uls_u1p15[0][0] 5 t2_EOTEnterGainY_Uls_u1p15[0][1] 6 t2_EOTEnterGainY_Uls_u1p15[0][2] 39 t2_EOTEnterGainY_Uls_u1p15[0][3] 383 t2 EOTEnterGainY_Uls_u1p15[1][0] 5 t2_EOTEnterGainY_Uls_u1p15[1][1] 6 t2_EOTEnterGainY_Uls_u1p15[1][2] 39 t2_EOTEnterGainY_Uls_u1p15[1][3] 383 t2 EOTEnterGainY Uls u1p15[2][0] 7 t2_EOTEnterGainY_Uls_u1p15[2][1] 8 t2_EOTEnterGainY_Uls_u1p15[2][2] 98 t2_EOTEnterGainY_Uls_u1p15[2][3] 954 t2 EOTEnterGainY Uls u1p15[3][0] 383 t2_EOTEnterGainY_Uls_u1p15[3][1] 39 t2_EOTEnterGainY_Uls_u1p15[3][2] 5 6 t2_EOTEnterGainY_Uls_u1p15[3][3] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 153 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 216 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 92 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 130 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 107 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 151 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]$ 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1920 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0 1920 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1920 t2 EOTPosDepDmpTblX HwDeg u12p4[3][0] 832 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 4112 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][0] 11 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 183 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 259 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 289 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 409 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 183 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 259 t_EOTDmpVspd_Kph_u9p7[0] 8320 24832 $t_EOTDmpVspd_Kph_u9p7[1]$ $t_EOTDmpVspd_Kph_u9p7[2]$ 24960 t_EOTDmpVspd_Kph_u9p7[3] 25088 t_EOTEnterGainVspd_Kph_u9p7[0] 8320 t_EOTEnterGainVspd_Kph_u9p7[1] 24832 t_EOTEnterGainVspd_Kph_u9p7[2] 24960 t EOTEnterGainVspd Kph u9p7[3] 25088 t_SpdlptTblXTbl_HwDeg_u12p4[0] 400 t_SpdlptTblXTbl_HwDeg_u12p4[1] 784 t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 720 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] 1104 t_TrqTableX_HwNm_u8p8[0] 1536

2015-06-29, 18:06:03+0530



Name	Input Value		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	508		
t_TrqTblY_Uls_u2p14[1]	590		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888.202026		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	977.153992		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.920000017		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	555.875		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.109999999		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-350		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.541999996		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	15.0253		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain UIs	target_EOTActuatorMng_Per1_AssistEOTGa	nin_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_MtrParticles and the property of the pr$	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwI	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORM$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.70011997	5.70011997 ± 0.0000390625	~

target_rtte_met_rtp_cometatenting.cometatenting_ren_veniceopeca_rtpn_	targete in totalaterining_r or itermineepeet		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.70011997	5.70011997 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	244.160004	244.160004 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1375943778	1375943778 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	161064892	161064892 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.541999996	0.541999996 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.640716553	0.640716553 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	-
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	5.70011997	5.70011997 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.640716553	0.640716553 ± 0.0000390625	-
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.37 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	6.19999981	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	765.280029	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1288490189	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	0	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.800000012	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.00899999961	
k_EOTDefltPosition_HwDeg_u12p4	7760	
k_EOTDeltaTrqThrsh_HwNm_u9p7	640	
k_EOTDynConf_Uls_u8p8	33280	
k_EOTEnterLPFKn_Cnt_u16	4444	

EOTActuatorMng_Per1



Name	Input Value
k_EOTExitLPFKn_Cnt_u16	6327
k_EOTImpSpdEn_Kph_u9p7	4608
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	153.990005
k_EOTStateHwTrqLPFKn_Cnt_u16	6443
k_MaxRackTrvl_HwDeg_u12p4	2448
k_MinRackTrvl_HwDeg_u12p4 k_PosRampStep_HwDeg_u12p4	10176 12272
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1280
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	3824
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	3840
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	3856
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3040
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9104
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9120 9136
t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0]	672
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	2000
t2 EOTEnterGainX HwDeg u12p4[2][2]	2016
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2032
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1376
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	4112
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	4128
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	4144
t2_EOTEnterGainY_UIs_u1p15[0][0]	6
t2_EOTEnterGainY_UIs_u1p15[0][1] t2_EOTEnterGainY_UIs_u1p15[0][2]	6 49
t2_EOTEnterGainY_Uls_u1p15[0][2]	49
t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	6
t2_EOTEnterGainY_Uls_u1p15[1][2]	49
t2_EOTEnterGainY_Uls_u1p15[1][3]	478
t2_EOTEnterGainY_Uls_u1p15[2][0]	8
t2_EOTEnterGainY_Uls_u1p15[2][1]	8
t2_EOTEnterGainY_Uls_u1p15[2][2]	108
t2_EOTEnterGainY_UIs_u1p15[2][3] t2_EOTEnterGainY_UIs_u1p15[3][0]	1049 478
t2_EOTEnterGainY_Uls_u1p15[3][0]	49
t2 EOTEnterGainY Uls u1p15[3][2]	6
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	168
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	237
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	4
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	26
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	122
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	173
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	153 216
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][0]	800
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	1184
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	944
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1328
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	656
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1040
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	864
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4128
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	13 92
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0]	198
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	280
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0]	37
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	194
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	198
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	280
t_EOTDmpVspd_Kph_u9p7[0]	8448
t_EOTDmpVspd_Kph_u9p7[1]	25216
t_EOTDmpVspd_Kph_u9p7[2]	25344
t_EOTDmpVspd_Kph_u9p7[3] t_EOTEnterGainVspd_Kph_u9p7[0]	25472 8448
t_EOTEnterGainVspd_Kph_u9p7[0]	25216
t_EOTEnterGainVspd_Kph_u9p7[2]	25344
	1-20

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87

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[3]	25472		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	416		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	736		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1120		
t_TrqTableX_HwNm_u8p8[0]	1280		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTblY_Uls_u2p14[0]	524		
t_TrqTbIY_UIs_u2p14[1]	606		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-880.103027		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	866.674011		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.430000007		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-555.202026		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-0.219999999		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	450		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.136000007		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	16.2474995		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Ap$ EOTActuatorMng_ApATORMng_ApA	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1_AssistEOTL$	target_EOTActuatorMng_Per1_AssistEOTLir	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3222222222222222222222222222222222222$	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Ci	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgasters and the property of the proper$	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_{actual}$	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	5.89201975	5.89202023 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	485	485 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1201147813	1201147813 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	360808	360808 ± 1	~
FOTA at votas Mars. Outs vt Doma Multi tel. M. 622	0.400000007	0.400000007 + 0.00000005	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.136000007

0.559326172

5.89201975

0.559326172

SES_DISABLED

0.136000007 ± 0.00390625

5.89202023 ± 0.00048828125 0.559326172 ± 0.0000390625

0.559326172 ± 0.0625

SES_DISABLED

0 ± 0.00048828125

Test Step 2.38 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	6.4000001	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	123.459999	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1073741824	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	18454938	

 $EOTActuator Mng_Output Ramp Mult Ltd_M_f32$

EOTActuatorMng_PrevEOTGain_Uls_M_f32

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

EOTActuatorMng_SESState_Uls_M_enum

2015-06-29, 18:06:03+0530



Manage	Innut Value	
Name	Input Value	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.69999988	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
<_EOTActiveRegionBypassMaxThresh_Uls_f32	0.395999998	
k_EOTDefltPosition_HwDeg_u12p4	11088	
k_EOTDeltaTrqThrsh_HwNm_u9p7	512	
k_EOTDynConf_Uls_u8p8	0	
k_EOTEnterLPFKn_Cnt_u16	5555	
k_EOTExitLPFKn_Cnt_u16	2647	
k_EOTImpSpdEn_Kph_u9p7	4736	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	158.039993	
k_EOTStateHwTrqLPFKn_Cnt_u16	3647	
<_MaxRackTrvl_HwDeg_u12p4	2464	
c_MinRackTrvl_HwDeg_u12p4	15280	
c_PosRampStep_HwDeg_u12p4	3920	
<pre>c_SoftStopEOTEnable_Cnt_lgc</pre>	1	
<pre>c_SpdIptScale_MtrNmpRadpS_u4p12</pre>	93	
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1296	
2_EOTEnterGainX_HwDeg_u12p4[0][1]	3872	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	3888	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	3904	
12_EOTEItierGainX_HwDeg_u12p4[0][3] 12_EOTEnterGainX_HwDeg_u12p4[1][0]	3056	
	9152	
12_EOTEnterGainX_HwDeg_u12p4[1][1]		
2_EOTEnterGainX_HwDeg_u12p4[1][2]	9168	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	9184	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	688	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	2048	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	2064	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2080	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1392	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	4160	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	4176	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	4192	
t2_EOTEnterGainY_Uls_u1p15[0][0]	6	
t2_EOTEnterGainY_Uls_u1p15[0][1]	7	
t2_EOTEnterGainY_Uls_u1p15[0][2]	59	
t2_EOTEnterGainY_Uls_u1p15[0][3]	573	
t2_EOTEnterGainY_Uls_u1p15[1][0]	6	
t2_EOTEnterGainY_Uls_u1p15[1][1]	7	
t2_EOTEnterGainY_Uls_u1p15[1][2]	59	
t2_EOTEnterGainY_Uls_u1p15[1][3]	573	
2 EOTEnterGainY Uls u1p15[2][0]	7	
12_EOTEnterGainY_Uls_u1p15[2][1]	8	
2_EOTEnterGainY_Uls_u1p15[2][2]	88	
2_EOTEnterGainY_Uls_u1p15[2][3]	859	
2_EOTEnterGainY_Uls_u1p15[3][0]	573	
2_EOTEINE/GainT_0is_u1p15[3][0] 2_EOTEINE/GainT_Uls_u1p15[3][1]	59	
2_EOTE::riterGainT_0is_u1p15[3][1] 2_EOTE::riterGainY_Uls_u1p15[3][2]	6	
	7	
2_EOTEvPooDooDooDmpTblV_MtblmpBodgo_u0g16(0)(0)		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	183	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	259	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	122	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	173	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	137	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	194	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	168	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	237	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	816	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1200	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	960	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1344	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	672	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1056	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	896	
2_EOTPosDepDinpTblX_HwDeg_u12p4[3][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4144	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	45	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	102	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	304	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	431	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	153	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	216	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	74	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

		•	
Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	105		
t EOTDmpVspd Kph u9p7[0]	8576		
t_EOTDmpVspd_Kph_u9p7[1]	25600		
t_EOTDmpVspd_Kph_u9p7[2]	25728		
t_EOTDmpVspd_Kph_u9p7[3]	25856		
t EOTEnterGainVspd Kph u9p7[0]	8576		
t EOTEnterGainVspd Kph u9p7[1]	25600		
t_EOTEnterGainVspd_Kph_u9p7[2]	25728		
t_EOTEnterGainVspd_Kph_u9p7[3]	25856		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	432		
t SpdlptTblXTbl HwDeg u12p4[1]	816		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	752		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1136		
t TrgTableX HwNm u8p8[0]	1024		
t_TrqTableX_HwNm_u8p8[1]	1280		
t TrqTblY Uls u2p14[0]	541		
t_TrqTblY_Uls_u2p14[1]	623		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-999.640991		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	1		
	898.314026		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value			
<u> </u>	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value			
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.922999978		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	660.054016		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.330000013		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-450		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.754000008		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	17.7989998		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDa		. ,	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGa			
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLirender (State 1) and the property of the pr$	_ '		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_Hw			
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Compared to the compared to t$	_, ,		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwE			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Crr$			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_EO$			
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAnderservers (Application of the Company of th$		andWheelAuth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelParter = 100000000000000000000000000000000000$	os_Hwl target_EOTActuatorMng_Per1_H	andWheelPos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_Hurbers_Ap_EOTActuatorMng_Per1_Hurbers_Ap_EOTActuatorMng_Pe$	wNm_f: target_EOTActuatorMng_Per1_H	wTorque_HwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_Mtrackets$	RadpS target_EOTActuatorMng_Per1_N	lotorVel_MtrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRamples and the property of the $	MultLtd_ target_EOTActuatorMng_Per1_C	outputRampMultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed	I Kph target_EOTActuatorMng_Per1_V	ehicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	6.08392	6.08392 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	693	693 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	985911719	985911719 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	17736479	17736479 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.754000008	0.754000008 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.459075928	0.459075928 ± 0.0625	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.08392	6.08392 ± 0.00048828125	
toward FOTA strategy and Assist FOTO signal like \$60 control	0.450075000	0.450075020 + 0.0002200625	

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.459075928

0

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

0.459075928 ± 0.0000390625

0 ± 0.00048828125



Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	6.5999999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	897.97998
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	858993459
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-18454937
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.600000024
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.331
k_EOTDefltPosition_HwDeg_u12p4	11104
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	38400
k_EOTEnterLPFKn_Cnt_u16	6666
k_EOTExitLPFKn_Cnt_u16	8665
k_EOTImpSpdEn_Kph_u9p7	4864
k_EOTPosPosPosPospEinalSlow Mthlmps T #22	162.089996
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 k_EOTStateHwTrqLPFKn_Cnt_u16	2789
k_MaxRackTrvl_HwDeg_u12p4	2480
k MinRackTrvI HwDeg_u12p4	13696
k PosRampStep HwDeg u12p4	12256
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdIptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1312
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	3920
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	3936
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	3952
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3072
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9200
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9216
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9232
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	704
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2096
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2112
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2128
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1408
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	4208
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	4224
t2_EOTEnterGainX_HwDeg_u12p4[3][3] t2_EOTEnterGainY_Uls_u1p15[0][0]	4240 6
t2_EOTEnterGainT_UIs_u1p15[0][0] t2_EOTEnterGainY_UIs_u1p15[0][1]	7
t2 EOTEnterGainY Uls u1p15[0][2]	69
t2_EOTEnterGainY_Uls_u1p15[0][3]	668
t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2 EOTEnterGainY Uls u1p15[1][2]	69
t2_EOTEnterGainY_Uls_u1p15[1][3]	668
t2_EOTEnterGainY_Uls_u1p15[2][0]	7
t2_EOTEnterGainY_Uls_u1p15[2][1]	8
t2_EOTEnterGainY_Uls_u1p15[2][2]	98
t2_EOTEnterGainY_Uls_u1p15[2][3]	954
t2_EOTEnterGainY_Uls_u1p15[3][0]	288
t2_EOTEnterGainY_Uls_u1p15[3][1]	29
t2_EOTEnterGainY_Uls_u1p15[3][2]	5
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	280
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	194 153
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	216
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	183
t2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0]	259
t2_EOTEXF0SDepDmpTblX_HwDeg_u12p4[0][0]	832
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1216
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	976
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1360
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	688
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1072

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

			1-4-1-10-10
Name	Input Value		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4160		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][0]	17		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	122		
t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0]	319		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][1]	452		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	12		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	88		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	76		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	108		
t EOTDmpVspd Kph u9p7[0]	8704		
t_EOTDmpVspd_Kph_u9p7[1]	25984		
t EOTDmpVspd Kph u9p7[2]	26112		
t_EOTDmpVspd_Kph_u9p7[3]	26240		
t_EOTEnterGainVspd_Kph_u9p7[0]	8704		
t_EOTEnterGainVspd_Kph_u9p7[1]	25984		
t_EOTEnterGainVspd_Kph_u9p7[2]	26112		
t_EOTEnterGainVspd_Kph_u9p7[3]	26240		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	448		
t SpdiptTbiXTbi HwDeg u12p4[1]	832		
t_SpdiptTbi/Tbi_NtrRadpS_u12p4[0]	768		
t SpdiptTblYTbl MtrRadpS_u12p4[0]	1152		
	512		
t_TrqTableX_HwNm_u8p8[0]	1024		
t_TrqTableX_HwNm_u8p8[1]			
t_TrqTblY_Uls_u2p14[0]	557		
t_TrqTblY_Uls_u2p14[1]	639		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-990.344971		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	450.842987		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.40999996		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-666.640015		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-0.439999998		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	550		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.133000001		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	18.4780006		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrf			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	, - ,- ,	_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		· -	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	ed_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.27581978	6.27581978 ± 0.0000390625	✓
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	694	694 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	771668859	771668859 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-17356071	-17356071 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.133000001	0.133000001 ± 0.00390625	-
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.359313965	0.359313965 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.27581978	6.27581978 ± 0.00048828125	
target FOTActuatorMng Per1 AssistFOTGain Ills f32 value	0.350313065	0.350313065 + 0.0000300625	

0.359313965

0

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

0.359313965 ± 0.0000390625

0 ± 0.00048828125



Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	6.80000019
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	423.279999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	33554432
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.5
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0540000014
k EOTDefltPosition HwDeg u12p4	11120
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	40960
k_EOTEnterLPFKn_Cnt_u16	7777
k_EOTExitLPFKn_Cnt_u16	3658
k_EOTImpSpdEn_Kph_u9p7	4992
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	166.139999
k_EOTStateHwTrqLPFKn_Cnt_u16	7337
k_MaxRackTrvl_HwDeg_u12p4	2496
k MinRackTrvl HwDeg u12p4	8544
k_PosRampStep_HwDeg_u12p4	736
k SoftStopEOTEnable Cnt lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2 EOTEnterGainX HwDeg u12p4[0][0]	1328
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	3968
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	3984
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4000
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3088
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9248
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9264
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9280
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	720
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2144
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2160
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2176
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1424
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	4256
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	4272
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	4288
t2_EOTEnterGainY_Uls_u1p15[0][0]	7
t2_EOTEnterGainY_Uls_u1p15[0][1]	7
t2_EOTEnterGainY_Uls_u1p15[0][2]	78
t2_EOTEnterGainY_Uls_u1p15[0][3]	763
t2_EOTEnterGainY_Uls_u1p15[1][0]	7
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	78
t2_EOTEnterGainY_Uls_u1p15[1][3]	763
t2_EOTEnterGainY_Uls_u1p15[2][0]	8
t2_EOTEnterGainY_Uls_u1p15[2][1]	8
t2_EOTEnterGainY_Uls_u1p15[2][2]	108

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][0]	383		
t2 EOTEnterGainY Uls u1p15[3][1]	39		
t2_EOTEnterGainY_Uls_u1p15[3][2]	5		
t2_EOTEnterGainY_Uls_u1p15[3][3]	6		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	213		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	302		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	153		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	168		
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[2][1]	237		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	198		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	280		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	848		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	1232		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	992		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1376		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4176		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	194		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	715		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	334		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	474		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	183		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	259		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	274		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	388		
t_EOTDmpVspd_Kph_u9p7[0]	8832		
t_EOTDmpVspd_Kph_u9p7[1]	26368		
t_EOTDmpVspd_Kph_u9p7[2]	26496		
t_EOTDmpVspd_Kph_u9p7[3]	26624		
t_EOTEnterGainVspd_Kph_u9p7[0]	8832		
t_EOTEnterGainVspd_Kph_u9p7[1]	26368		
t_EOTEnterGainVspd_Kph_u9p7[2]	26496		
t_EOTEnterGainVspd_Kph_u9p7[3]	26624		
t_SpdIptTbIXTbl_HwDeg_u12p4[0]	464		
	848		
t_SpdlptTblXTbl_HwDeg_u12p4[1]			
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	784		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1168		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	768		
t_TrqTblY_Uls_u2p14[0]	573		
t_TrqTblY_Uls_u2p14[1]	655		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-456.125		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	565.314026		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.845000029		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	777.101013		
	0.550000012		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value			
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-550		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.674000025		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	19.8785		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UIs_			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1	0		
0 = = = 1 = 0 0 = =	0 - 0		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3		· -	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_C		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cn	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng Per1 HandWheelA	uth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f.		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		· -	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_EOTActuator$	target_EOTActuatorMng_Per1_OutputRampN		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed	l_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng Damping MtrNm M f32	6.46772003	6.46772003 ± 0.0000390625	_
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	423.279999	423.279999 ± 0.0000390625	
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	735790652	735790652 ± 1	- I

735790652

735790652 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	30825068	30825068 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.674000025	0.674000025 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0	0 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

T ✓			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	6.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	423.279999	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	33554432	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.5	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.388999999	
k_EOTDefltPosition_HwDeg_u12p4	11120	
k_EOTDeltaTrqThrsh_HwNm_u9p7	256	

2015-06-29, 18:06:03+0530



EOTACUATORNING_Peri	MACIMI
Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[2][0]	8
t2_EOTEnterGainY_Uls_u1p15[2][1]	8
12_EOTEnterGainY_Uls_u1p15[2][2]	108
12_EOTEnterGainY_Uls_u1p15[2][3]	1049
12_EOTEnterGainY_Uls_u1p15[3][0]	383
12_EOTEnterGainY_Uls_u1p15[3][1]	39
12_EOTEnterGainY_Uls_u1p15[3][2]	5
12_EOTEnterGainY_Uls_u1p15[3][3]	6
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0]	213
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	302
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	153
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	168
	237
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	280 848
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1232
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	992
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1376
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	704
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1088
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	800
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	4176
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	194
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	715
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	334
2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1]	474
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	183
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	259
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	274
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	388
E_EOTDmpVspd_Kph_u9p7[0]	8832
t_EOTDmpVspd_Kph_u9p7[1]	26368
t_EOTDmpVspd_Kph_u9p7[2]	26496
t_EOTDmpVspd_Kph_u9p7[3]	26624
t_EOTEnterGainVspd_Kph_u9p7[0]	8832
t_EOTEnterGainVspd_Kph_u9p7[1]	26368
t EOTEnterGainVspd Kph u9p7[2]	26496
t_EOTEnterGainVspd_Kph_u9p7[3]	26624
t SpdlptTblXTbl HwDeg u12p4[0]	464
t_SpdlptTblXTbl_HwDeg_u12p4[1]	848
t_SpdlptTbl/Tbl_MtrRadpS_u12p4[0]	784
t_SpdlptTbl/Tbl_MtrRadpS_u12p4[1]	1168
t_TrqTableX_HwNm_u8p8[0]	0
	768
t_TrqTableX_HwNm_u8p8[1]	
t_TrqTblY_Uls_u2p14[0]	573
_TrqTblY_Uls_u2p14[1]	655
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-456.125
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	565.314026
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.845000029
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	777.101013
arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.550000012
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-550
arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.674000025
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	19.8785
arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr	target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
	3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f	
	target_EOTActuatoriving_Ferr_CowFound Critingo
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc	V = V = V = V
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3;	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	2 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ill Target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAu	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ul	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc starget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulitarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uli- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_t	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 target_EOTActuatorMng_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulitarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 ft target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.46772003	6.46772003 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	423.279999	423.279999 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	567851623	567851623 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	30825068	30825068 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.674000025	0.674000025 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.264404297	0.264404297 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.46772003	6.46772003 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.264404297	0.264404297 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	•

au			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	7
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	987.469971
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	429496730
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-33554432
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.40000006
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.995000005
k_EOTDefltPosition_HwDeg_u12p4	11136
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	43520
k_EOTEnterLPFKn_Cnt_u16	8888
k_EOTExitLPFKn_Cnt_u16	3475
k_EOTImpSpdEn_Kph_u9p7	5120
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	170.190002
k_EOTStateHwTrqLPFKn_Cnt_u16	3773
k_MaxRackTrvl_HwDeg_u12p4	2512
k_MinRackTrvl_HwDeg_u12p4	10128
k_PosRampStep_HwDeg_u12p4	12064
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdIptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1344
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4016
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4032
12_EOTEnterGainX_HwDeg_u12p4[0][3]	4048
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3104
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9296
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9312
2_EOTEnterGainX_HwDeg_u12p4[1][3]	9328
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	736
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2192
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2208
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2224
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1440
12_EOTEnterGainX_HwDeg_u12p4[3][1]	4304
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	4320
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	4336
t2_EOTEnterGainY_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	7
t2 EOTEnterGainY Uls u1p15[0][2]	69

2015-06-29, 18:06:03+0530



me EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0]	Input Value 668 7 8 88 859
EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2]	7 8 88
EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2]	8 88
EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3]	88
EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][2]	
EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3]	859
EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3]	
EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3]	8
EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3]	9
EOTEnterGainY_Uls_u1p15[2][3]	118
	1144
	478
EOTEnterGainY_Uls_u1p15[3][1]	49
EOTEnterGainY Uls u1p15[3][2]	6
EOTEnterGainY_Uls_u1p15[3][3]	6
	228
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	323
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	168
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	237
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	183
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	259
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	213
EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	302
EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	864
EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1248
EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1008
EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1392
EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	720
EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1104
EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	816
	4192
EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	22
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	153
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	10
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	452
EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0]	198
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	280
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	289
EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	409
OTDmpVspd_Kph_u9p7[0]	8960
OTDmpVspd_Kph_u9p7[1]	26752
OTDmpVspd_Kph_u9p7[2]	26880
OTDmpVspd_Kph_u9p7[3]	27008
OTEnterGainVspd_Kph_u9p7[0]	8960
OTEnterGainVspd_Kph_u9p7[1]	26752
	26880
OTEnterGainVspd_Kph_u9p7[2]	
OTEnterGainVspd_Kph_u9p7[3]	27008
pdlptTblXTbl_HwDeg_u12p4[0]	480
pdlptTblXTbl_HwDeg_u12p4[1]	864
pdlptTblYTbl_MtrRadpS_u12p4[0]	800
pdlptTblYTbl_MtrRadpS_u12p4[1]	1184
rqTableX_HwNm_u8p8[0]	256
rqTableX_HwNm_u8p8[1]	512
rqTblY_Uls_u2p14[0]	590
rqTblY_Uls_u2p14[1]	672
get_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-111.025002
get_EOTActuatorMng_Per1_CcwFound_Cnt_Igc.value	1
get EOTActuatorMng Per1 CwEOT HwDeg f32.value	656.489014
get_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0
pet_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
get_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.620000005
get_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-777.450012
get_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-0.660000026
get_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	650
get_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.25999999
get_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	1.48699999
pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32
get_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls	
get Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mt	
get Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f	
get_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igo	, · · · · · · · · · · · · · · · · · · ·
pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3	
pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg	



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.65961981	6.65961981 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	696	696 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	371306994	371306994 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-30988792	-30988792 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.25999999	0.25999999 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.17288208	0.17288208 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.65961981	6.65961981 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.17288208	0.17288208 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.43 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	7
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	987.469971
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	429496730
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-33554432
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.40000006
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.20999993
k_EOTDefltPosition_HwDeg_u12p4	11136
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	43520
k_EOTEnterLPFKn_Cnt_u16	8888
k_EOTExitLPFKn_Cnt_u16	3475
k_EOTImpSpdEn_Kph_u9p7	5120
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	170.190002
k_EOTStateHwTrqLPFKn_Cnt_u16	3773
k_MaxRackTrvl_HwDeg_u12p4	2512
k_MinRackTrvl_HwDeg_u12p4	10128
k_PosRampStep_HwDeg_u12p4	12064
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1344
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4016
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4032
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4048
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3104
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9296
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9312
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9328
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	736
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2192
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2208

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2224
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1440
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	4304
t2 EOTEnterGainX_HwDeg_u12p4[3][2]	4320
t2 EOTEnterGainX_HwDeg_u12p4[3][3]	4336
	6
t2_EOTEnterGainY_Uls_u1p15[0][0]	7
t2_EOTEnterGainY_Uls_u1p15[0][1]	69
t2_EOTEnterGainY_Uls_u1p15[0][2]	
t2_EOTEnterGainY_Uls_u1p15[0][3]	668
t2_EOTEnterGainY_Uls_u1p15[1][0]	7
t2_EOTEnterGainY_Uls_u1p15[1][1]	8
t2_EOTEnterGainY_Uls_u1p15[1][2]	88
t2_EOTEnterGainY_Uls_u1p15[1][3]	859
t2_EOTEnterGainY_Uls_u1p15[2][0]	8
t2_EOTEnterGainY_Uls_u1p15[2][1]	9
t2_EOTEnterGainY_Uls_u1p15[2][2]	118
t2_EOTEnterGainY_Uls_u1p15[2][3]	1144
t2_EOTEnterGainY_Uls_u1p15[3][0]	478
t2_EOTEnterGainY_Uls_u1p15[3][1]	49
t2_EOTEnterGainY_Uls_u1p15[3][2]	6
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	228
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	323
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	168
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	237
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	183
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	259
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[3][0]	213
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	302
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	864
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1248
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1008
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1392
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	720
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1104
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	816
	4192
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	22
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	153
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	10
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	452
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	198
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	280
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	289
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	409
t_EOTDmpVspd_Kph_u9p7[0]	8960
t_EOTDmpVspd_Kph_u9p7[1]	26752
t_EOTDmpVspd_Kph_u9p7[2]	26880
t_EOTDmpVspd_Kph_u9p7[3]	27008
t_EOTEnterGainVspd_Kph_u9p7[0]	8960
t_EOTEnterGainVspd_Kph_u9p7[1]	26752
t_EOTEnterGainVspd_Kph_u9p7[2]	26880
t_EOTEnterGainVspd_Kph_u9p7[3]	27008
t_SpdlptTblXTbl_HwDeg_u12p4[0]	480
t_SpdlptTblXTbl_HwDeg_u12p4[1]	864
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	800
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1184
t_TrqTableX_HwNm_u8p8[0]	256
t_TrqTableX_HwNm_u8p8[1]	512
t_TrqTbIY_UIs_u2p14[0]	590
t_TrqTbIY_Uls_u2p14[1]	672
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-111.025002
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	656.489014
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_CwPound_Cnt_igc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_igc.value	0
	0.620000005
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-777.450012 a cconnected
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-0.660000026
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	650
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.25999999
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	1.48699999
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EUTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	in_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	:nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwI	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstanderschaften auch auch auch auch auch auch auch auch$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_InstAp_EOTActuator$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	l_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.65961981	6.65961981 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	696	696 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	452271880	452271880 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-30988792	-30988792 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.25999999	0.25999999 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.210601807	0.210601807 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.65961981	6.65961981 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.210601807	0.210601807 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	✓

Test Sten 2 44 (Penest Count = 4)	
Test Step 2.44 (Repeat Count = 1)	<u> </u>
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	7.19999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	133.279999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	50331648
EOTActuatorMng_PrevEOTGain_UIs_M_f32	0.300000012
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.86500001
k_EOTDefltPosition_HwDeg_u12p4	11152
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	46080
k_EOTEnterLPFKn_Cnt_u16	9999
k_EOTExitLPFKn_Cnt_u16	2534
k_EOTImpSpdEn_Kph_u9p7	5248
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	174.240005
k_EOTStateHwTrqLPFKn_Cnt_u16	6444
k_MaxRackTrvl_HwDeg_u12p4	2528
k_MinRackTrvl_HwDeg_u12p4	14240
k_PosRampStep_HwDeg_u12p4	10192
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1360
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4064
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4080

2015-06-29, 18:06:03+0530



Name	Input Value
12_EOTEnterGainX_HwDeg_u12p4[0][3]	4096
12_EOTEnterGainX_HwDeg_u12p4[1][0]	3120 9344
l2_EOTEnterGainX_HwDeg_u12p4[1][1] l2_EOTEnterGainX_HwDeg_u12p4[1][2]	9360
tz_EOTEItterGainX_HwDeg_u1zp4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9376
t2_EOTEItterGainX_HwDeg_u12p4[1][3] t2_EOTEItterGainX_HwDeg_u12p4[2][0]	752
12_EOTEINGGainX_I-WBeg_u12p4[2][0] 12_EOTEINGGainX_HwDeg_u12p4[2][1]	2240
12_EOTEnterGainX_HwDeg_u12p4[2][2]	2256
2 EOTEnterGainX HwDeg u12p4[2][3]	2272
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	144
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	960
12_EOTEnterGainX_HwDeg_u12p4[3][2]	1440
2_EOTEnterGainX_HwDeg_u12p4[3][3]	2848
2_EOTEnterGainY_Uls_u1p15[0][0]	7
2_EOTEnterGainY_Uls_u1p15[0][1]	7
2_EOTEnterGainY_Uls_u1p15[0][2]	78
2_EOTEnterGainY_Uls_u1p15[0][3]	763
2_EOTEnterGainY_Uls_u1p15[1][0]	7
2_EOTEnterGainY_Uls_u1p15[1][1]	8
2_EOTEnterGainY_Uls_u1p15[1][2]	98
2_EOTEnterGainY_Uls_u1p15[1][3]	954
2_EOTEnterGainY_Uls_u1p15[2][0]	8
2_EOTEnterGainY_Uls_u1p15[2][1]	9
2_EOTEnterGainY_Uls_u1p15[2][2]	127
2_EOTEnterGainY_Uls_u1p15[2][3]	1239
2_EOTEnterGainY_Uls_u1p15[3][0]	573
2_EOTEnterGainY_Uls_u1p15[3][1]	59
2_EOTEnterGainY_Uls_u1p15[3][2]	6
I2_EOTEnterGainY_Uls_u1p15[3][3]	7
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	243
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	345
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	183
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	259
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	280
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	228
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	323
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	880
2_EOTPosDopDmpTblX_HwDog_u12p4[0][1]	1264 1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1408
12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	736
t2_EOTPosDepDinpTbtX_TwDeg_u12p4[2][0] t2_EOTPosDepDmpTbtX_HwDeg_u12p4[2][1]	1120
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	1920
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	2240
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	237
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	367
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	68
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	52
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	213
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	302
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	304
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	431
_EOTDmpVspd_Kph_u9p7[0]	9088
_EOTDmpVspd_Kph_u9p7[1]	27136
_EOTDmpVspd_Kph_u9p7[2]	27264
	27392
EOTEnterGainVspd_Kph_u9p7[0]	9088
_EOTEnterGainVspd_Kph_u9p7[1]	27136
_EOTEnterGainVspd_Kph_u9p7[2]	27264
_EOTEnterGainVspd_Kph_u9p7[3]	27392
_SpdIptTbIXTbI_HwDeg_u12p4[0]	496
_SpdlptTblXTbl_HwDeg_u12p4[1]	880
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	992
_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	1376
:_TrqTableX_HwNm_u8p8[0]	0
_TrqTableX_HwNm_u8p8[1]	512
_TrqTblY_Uls_u2p14[0]	606
t_TrqTblY_Uls_u2p14[1]	688
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-876.752014
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	0 550.286987

2015-06-29, 18:06:03+0530



Name	Input Value		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.93999998		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	888.896973		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.769999981		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-650		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.342999995		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	2.89700007		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_Ap$	target_EOTActuatorMng_Per1_AssistEOTGa	in_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	:nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwt	0eg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgaster and the property of the propert$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwlores and the property of the property $	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fr$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_In$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATOR$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_instAp_EOTActuatorMng_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Per1_$	target_EOTActuatorMng_Per1_VehicleSpeed	f_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	6.85151958	6.85152006 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	133.279999	133.279999 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	69993	69993 ± 1	-
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	46652124	46652124 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.342999995	0.342999995 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	3.05175781e-005	3.04999994e-005 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	6.85151958	6.85152006 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	3.05175781e-005	3.04999994e-005 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	7.4000001
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	575.609985
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-50331648
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.200000003
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.0430000015
k_EOTDefltPosition_HwDeg_u12p4	11168
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	543
k_EOTExitLPFKn_Cnt_u16	8656
k_EOTImpSpdEn_Kph_u9p7	5376
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	178.289993
k_EOTStateHwTrqLPFKn_Cnt_u16	7559
k_MaxRackTrvl_HwDeg_u12p4	2544
k_MinRackTrvl_HwDeg_u12p4	15760

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1		MACICAL
Name	Input Value	
k_PosRampStep_HwDeg_u12p4	5984	
k_SoftStopEOTEnable_Cnt_lgc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	93	
12_EOTEnterGainX_HwDeg_u12p4[0][0]	1376	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4112	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	4128	
12_EOTEnterGainX_HwDeg_u12p4[0][3]	4144	
2_EOTEnterGainX_HwDeg_u12p4[1][0]	3136 9392	
:2_EOTEnterGainX_HwDeg_u12p4[1][1] :2_EOTEnterGainX_HwDeg_u12p4[1][2]	9408	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	9424	
2 EOTEnterGainX_nwbeg_u12p4[1][0]	768	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	2288	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	2304	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	2320	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	672	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	2000	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	2016	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	2032	
2_EOTEnterGainY_Uls_u1p15[0][0]	7	
2_EOTEnterGainY_Uls_u1p15[0][1]	8	
2_EOTEnterGainY_Uls_u1p15[0][2]	88	
2_EOTEnterGainY_Uls_u1p15[0][3]	859	
2_EOTEnterGainY_Uls_u1p15[1][0]	8	
2_EOTEnterGainY_Uls_u1p15[1][1]	8	
2_EOTEnterGainY_Uls_u1p15[1][2]	108	
2_EOTEnterGainY_Uls_u1p15[1][3]	1049	
2_EOTEnterGainY_Uls_u1p15[2][0]	9	
2_EOTEnterGainY_Uls_u1p15[2][1]	9	
2_EOTEnterGainY_Uls_u1p15[2][2]	137	
2_EOTEnterGainY_Uls_u1p15[2][3]	1334	
2_EOTEnterGainY_Uls_u1p15[3][0]	668	
2_EOTEnterGainY_Uls_u1p15[3][1]	69	
2_EOTEnterGainY_Uls_u1p15[3][2]	6	
t2_EOTEnterGainY_Uls_u1p15[3][3]	7	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	395	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	560	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	198	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	280	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	213	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	302	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	243	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	345	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	896	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1280	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1040	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1424	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	752	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	1136	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	5120	
2_EOTPosDopDmpTblX_HwDeg_u12p4[3][1]	4960	
2_EOTPosDopDmpTblY_MtrNmpRadpS_u0p16[0][0]	26	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	518 7	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]		
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	99	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	228 323	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	319	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	452	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] _EOTDmpVspd_Kph_u9p7[0]	9216	
_EOTDmpVspd_Kph_u9p7[1]	27520	
_EOTDmpVspd_Kph_u9p7[2]	27648	
_EOTDmpVspd_Kph_u9p7[3]	27776	
_EOTEnterGainVspd_Kph_u9p7[0]	9216	
_EOTEnterGainVspd_Kph_u9p7[0] _EOTEnterGainVspd_Kph_u9p7[1]	27520	
_EOTEnterGainVspd_Kph_u9p7[1] _EOTEnterGainVspd_Kph_u9p7[2]	27648	
_EOTEnterGainVspd_Kph_u9p7[2] _EOTEnterGainVspd_Kph_u9p7[3]	27776	
EOTEMOGamvspa_rspr_uspr[0] _SpdlptTblXTbl_HwDeg_u12p4[0]	512	
_opdipt1biX1bi_1wbbg_u12p4[0] :_SpdlptTbiXTbi_HwDeg_u12p4[1]	896	
_opdipt1bix1bi_1wbbg_d12p4[1] :_SpdlptTblYTbl_MtrRadpS_u12p4[0]	1008	
t_SpdIptTbIYTbl_MtrRadpS_u12p4[1]	1392	
t_TrqTableX_HwNm_u8p8[0]	2048	
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Name	Input Value		
t_TrqTblY_Uls_u2p14[0]	623		
t_TrqTbIY_Uls_u2p14[1]	705		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-222.054001		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	650.370972		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.986699998		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-888.049988		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-0.879999995		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.00800000038		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.128000006		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	3.89450002		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtrl	target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$	target_EOTActuatorMng_Per1_HandWheelA	Auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	l target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS	adpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	lltLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Inst_Ap_EOTActuatorMng_InstAp_EOTActuator$	Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.04342031	7.04341984 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	575.609985	575.609985 ± 0.0000390625	✓
FOTActuatorMng_FiltEOTGainSV_HwNm_M_u1n31	2129694425	2129694425 + 1	

EOTActuatorMng_Damping_MtrNm_M_f32	7.04342031	7.04341984 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	575.609985	575.609985 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2129694425	2129694425 ± 1	✓
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-42825561	-42825561 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.128000006	0.128000006 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.991699219	0.991699219 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	✓
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.04342031	7.04341984 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.991699219	0.991699219 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓
T T			

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	✓

Test Step 2.46 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	7.5999999	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	131.339996	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	214748365	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	67108864	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.100000001	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69599998	
k_EOTDefltPosition_HwDeg_u12p4	11184	
k_EOTDeltaTrqThrsh_HwNm_u9p7	640	
k_EOTDynConf_Uls_u8p8	51200	
k_EOTEnterLPFKn_Cnt_u16	7567	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1		CILAG
Name	Input Value	
k_EOTExitLPFKn_Cnt_u16	5765	
k_EOTImpSpdEn_Kph_u9p7	5504	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	182.339996	
k_EOTStateHwTrqLPFKn_Cnt_u16	2648	
k_MaxRackTrvl_HwDeg_u12p4	2560	
k_MinRackTrvl_HwDeg_u12p4	13680	
k_PosRampStep_HwDeg_u12p4	11904	
k_SoftStopEOTEnable_Cnt_lgc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	93	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1392	
t2_EOTEnterGainX_HwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4160 4176	
t2_EOTEItielGalitx_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4192	
t2_EOTEnterGainX_TwDeg_u12p4[0][0]	3152	
t2_EOTEnterGainX_TWDeg_u12p4[1][1]	9440	
12_EOTEnterGainX_HwDeg_u12p4[1][2]	9456	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9472	
t2 EOTEnterGainX HwDeg u12p4[2][0]	2128	
2 EOTEnterGainX HwDeg u12p4[2][1]	6368	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6384	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	6400	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	688	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	2048	
12_EOTEnterGainX_HwDeg_u12p4[3][2]	2064	
12_EOTEnterGainX_HwDeg_u12p4[3][3]	2080	
2_EOTEnterGainY_Uls_u1p15[0][0]	11	
t2_EOTEnterGainY_Uls_u1p15[0][1]	11	
t2_EOTEnterGainY_Uls_u1p15[0][2]	206	
t2_EOTEnterGainY_Uls_u1p15[0][3]	1999	
t2_EOTEnterGainY_Uls_u1p15[1][0]	8	
t2_EOTEnterGainY_Uls_u1p15[1][1]	9	
2_EOTEnterGainY_Uls_u1p15[1][2]	118	
t2_EOTEnterGainY_Uls_u1p15[1][3]	1144	
t2_EOTEnterGainY_Uls_u1p15[2][0]	9	
t2_EOTEnterGainY_Uls_u1p15[2][1]	10	
t2_EOTEnterGainY_Uls_u1p15[2][2]	147	
t2_EOTEnterGainY_Uls_u1p15[2][3]	1429	
t2_EOTEnterGainY_Uls_u1p15[3][0]	763	
t2_EOTEnterGainY_Uls_u1p15[3][1]	78	
t2_EOTEnterGainY_Uls_u1p15[3][2]	7	
t2_EOTEnterGainY_Uls_u1p15[3][3]	7	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	410	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	581	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	213	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	302	
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	228	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	323	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	395	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	560	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	912	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1296	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1056	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1440	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	768	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1152	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	2656 3680	
:2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] :2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	280	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	669	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	7	
2_EOTPosDepDripTblT_mtiNnipRadpS_u0p16[1][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	36	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	243	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	345	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	334	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	474	
t_EOTDmpVspd_Kph_u9p7[0]	9344	
t_EOTDmpVspd_Kph_u9p7[1]	27904	
t_EOTDmpVspd_Kph_u9p7[2]	28032	
t_EOTDmpVspd_Kph_u9p7[3]	28160	
t_EOTEnterGainVspd_Kph_u9p7[0]	9344	
t_EOTEnterGainVspd_Kph_u9p7[1]	27904	
_ , _ , _ , _ , _ ,	28032	

2015-06-29, 18:06:03+0530



Name	Input Value	
t_EOTEnterGainVspd_Kph_u9p7[3]	28160	
t_SpdlptTblXTbl_HwDeg_u12p4[0]	528	
t_SpdlptTblXTbl_HwDeg_u12p4[1]	912	
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	1024	
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	1408	
t_TrqTableX_HwNm_u8p8[0]	1792	
t_TrqTableX_HwNm_u8p8[1]	2048	
t_TrqTbIY_Uls_u2p14[0]	639	
t_TrqTbIY_Uls_u2p14[1]	721	
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-767.057007	
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0	
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	777.281006	
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1	
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1	
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.730000019	
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	299.049988	
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.560000002	
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.0156399999	
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.795000017	
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	4.98400021	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTERS and the state of the state $	Damping_ target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTORIC and the state of the state$	Gain_Uls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLUMBERS and the property of t$.imit_Mtrl target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_FactuatorMng_FactuatorMn$	lwDeg_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Inst_Ap_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuato$	_Cnt_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_Hvertigeness and the property of the property of$	vDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMng_Per1_CwFound_OTActuatorMngOTActuatorMng_OTActuatorMng_OTActuatorMng_OTActuatorMng_OTActuato$	Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTD is ableed the contract of the con$	Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhee$	Auth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhee	IPos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorque_Inst_Ap_EOTActuaTorqu$	HwNm_f target_EOTActuatorMng_Per1_HwTorque_HwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_Material (SCOTACTUATOR (SCOTACTUATO$	ltrRadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRammarket Ap_EOTActuatorMng_Per1_OutputRammarket Ap_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng_Per1_OutputRammarket ApD_EOTActuatorMng$	pMultLtd_ target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpe	ed Kph target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32	
Name	Actual Value Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	7.23532009	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	131.339996 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	205085306 205085306 ± 1	•

Actual Function	Count	Expected Function		Count	Result
Τ					✓
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value		8.80000019	8.80000019 ± 0.00048828125		✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value		0.095489502	0.095489502 ± 0.0000390625		~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value		7.23532009	7.23532009 ± 0.00048828125		•
EOTActuatorMng_SESState_Uls_M_enum		SES_DISABLED	SES_DISABLED		~
EOTActuatorMng_PrevEOTGain_Uls_M_f32		0.095489502	0.095489502 ± 0.0625		~
EOTActuatorMng_OutputRampMultLtd_M_f32		0.795000017	0.795000017 ± 0.00390625		~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24		64775976	64775976 ± 1		~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31		205085306	205085306 ± 1		~
20 17 totalatorining_20 11 inipaoti 00_1 ini		1011000000	1011000000 = 0.0000000000		

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.47 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	7.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	458.279999	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1438814044	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	27850179	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	

2015-06-29, 18:06:03+0530



EOTActuatorMng Per1 Input Value Rte Inst Ap EOTActuatorMng target_Rte_Inst_Ap_EOTActuatorMng 0.61500001 k_EOTActiveRegionBypassMaxThresh_Uls_f32 k EOTDefltPosition_HwDeg_u12p4 11200 k_EOTDeltaTrqThrsh_HwNm_u9p7 768 53760 k EOTDynConf Uls u8p8 k_EOTEnterLPFKn_Cnt_u16 5467 k_EOTExitLPFKn_Cnt_u16 3644 5632 $k_EOTImpSpdEn_Kph_u9p7$ k_EOTOriginalImpactandSoftEnd_Cnt_lgc 186 389999 $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ k_EOTStateHwTrqLPFKn_Cnt_u16 8674 2576 k_MaxRackTrvl_HwDeg_u12p4 6192 k_MinRackTrvl_HwDeg_u12p4 3808 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 0 93 k SpdlptScale MtrNmpRadpS u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1408 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 4208 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 4224 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 4240 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 3168 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 9488 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 9504 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 9520 t2 EOTEnterGainX_HwDeg_u12p4[2][0] 2144 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 6416 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 6432 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 6448 t2 EOTEnterGainX HwDeg u12p4[3][0] 704 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 2096 t2 EOTEnterGainX HwDeg u12p4[3][2] 2112 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 2128 t2 EOTEnterGainY Uls u1p15[0][0] 11 t2_EOTEnterGainY_Uls_u1p15[0][1] 12 t2_EOTEnterGainY_Uls_u1p15[0][2] 216 t2_EOTEnterGainY_Uls_u1p15[0][3] 2094 t2_EOTEnterGainY_Uls_u1p15[1][0] 8 t2_EOTEnterGainY_Uls_u1p15[1][1] 9 t2_EOTEnterGainY_Uls_u1p15[1][2] 127 t2 EOTEnterGainY_Uls_u1p15[1][3] 1239 t2_EOTEnterGainY_Uls_u1p15[2][0] 9 t2_EOTEnterGainY_Uls_u1p15[2][1] 10 t2_EOTEnterGainY_Uls_u1p15[2][2] 157 t2_EOTEnterGainY_Uls_u1p15[2][3] 1524 t2_EOTEnterGainY_Uls_u1p15[3][0] 859 t2_EOTEnterGainY_Uls_u1p15[3][1] 88 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 425 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 603 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][0] 228 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 323 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 243 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 345 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 410 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 581 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 928 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1312 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1072 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1456 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 784 1168 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]$ 3024 3760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 431 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 419 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 73 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][1] 103

259

366

349

495

9472

t_EOTDmpVspd_Kph_u9p7[0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]

t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

LOTACIDATORNING_F er i		<u> </u>	
Name	Input Value		
t EOTDmpVspd Kph u9p7[1]	28288		
t EOTDmpVspd Kph u9p7[2]	28416		
t EOTDmpVspd Kph u9p7[3]	28544		
t EOTEnterGainVspd Kph u9p7[0]	9472		
t_EOTEnterGainVspd_Kph_u9p7[1]	28288		
t_EOTEnterGainVspd_Kph_u9p7[2]	28416		
t EOTEnterGainVspd Kph u9p7[3]	28544		
t SpdlptTblXTbl HwDeg u12p4[0]	544		
t_SpdIptTbIXTbl_HwDeg_u12p4[1]	928		
t SpdIptTblYTbl MtrRadpS u12p4[0]	1040		
t SpdIptTblYTbl MtrRadpS u12p4[1]	1424		
t_TrqTableX_HwNm_u8p8[0]	1536		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	655		
t TrqTblY Uls u2p14[1]	737		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-777.086975		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	687.153992		
target EOTActuatorMng Per1 CwFound Cnt Igc.value	0		
target EOTActuatorMng Per1 EOTDisable Cnt lgc.value	0		
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.560000002		
target EOTActuatorMng Per1 HandWheelPos HwDeg f32.value	146.850006		
target EOTActuatorMng Per1 HwTorque HwNm f32.value	8.5		
target EOTActuatorMng Per1 MotorVel MtrRadpS f32.value	657		
target EOTActuatorMng Per1 OutputRampMultLtd Uls f32.value	0.611000001		
target EOTActuatorMng Per1 VehicleSpeed Kph f32.value	5.48899984		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampin	ng_target_EOTActuatorMng_Per1_AssistEO	TDamping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_L	Jls_target_EOTActuatorMng_Per1_AssistEO	TGain_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit M			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg	f3 target EOTActuatorMng Per1 CcwEOT	HwDeg f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt I	gc target_EOTActuatorMng_Per1_CcwFour	nd Cnt Igc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Ig		·	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNn			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRad			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultI		- · -	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kp			
Name	Actual Value	Expected Value	Resul
EOTActuatorMng Damping MtrNm M f32	7.42722034	7.42721987 ± 0.0000390625	
EOTActuatorMng EOTImpactPos HwDeg M f32	700	700 ± 0.0000390625	
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	1318857130	1318857130 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	43047027	43047027 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.611000001	0.611000001 ± 0.00390625	
EOTActuatorMng PrevEOTGain Uls M f32	0.614135742	0.614135742 ± 0.0625	
EOTActuatorMng SESState Uls M enum	SES DISABLED	SES DISABLED	
20 17 ISLACIONING_DECOLUCE_OID_IN_CITUITI	320_510/15225	320_B10/1022B	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

7.42722034

0.614135742

0

7.42721987 ± 0.00048828125

0.614135742 ± 0.0000390625

0 ± 0.00048828125

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value\\ target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$



Test Step 2.48 (Repeat Count = 1)	→
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	8
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	672.159973
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1159641170
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	46137344
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.200000003
k_EOTDefltPosition_HwDeg_u12p4 k_EOTDeltaTrqThrsh_HwNm_u9p7	11216 896
k EOTDynConf Uls u8p8	0
k_EOTEnterLPFKn_Cnt_u16	8787
k_EOTExitLPFKn_Cnt_u16	7334
k_EOTImpSpdEn_Kph_u9p7	5760
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	190.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	8475
k_MaxRackTrvl_HwDeg_u12p4	2592
k_MinRackTrvl_HwDeg_u12p4	14208
k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc	7648 1
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1424
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4256
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4272
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4288
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3184
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9536
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9552
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9568
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	2160
t2_EOTEnterGainX_HwDeg_u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6464 6480
t2_EOTEnterGainX_TwDeg_u12p4[2][2] t2_EOTEnterGainX_HwDeg_u12p4[2][3]	6496
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	720
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	2144
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	2160
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	2176
t2_EOTEnterGainY_Uls_u1p15[0][0]	11
t2_EOTEnterGainY_Uls_u1p15[0][1]	12
t2_EOTEnterGainY_Uls_u1p15[0][2]	225
t2_EOTEnterGainY_Uls_u1p15[0][3]	2189
t2_EOTEnterGainY_Uls_u1p15[1][0] t2_EOTEnterGainY_Uls_u1p15[1][1]	9
t2_EOTEnterGain1_uls_u1p15[1][2]	137
t2_EOTEnterGainY_Uls_u1p15[1][3]	1334
t2_EOTEnterGainY_Uls_u1p15[2][0]	10
t2_EOTEnterGainY_Uls_u1p15[2][1]	10
t2_EOTEnterGainY_Uls_u1p15[2][2]	167
t2_EOTEnterGainY_Uls_u1p15[2][3]	1619
t2_EOTEnterGainY_Uls_u1p15[3][0]	954
t2_EOTEnterGainY_Uls_u1p15[3][1]	98
t2_EOTEnterGainY_Uls_u1p15[3][2]	7
t2_EOTENPOSDEDDMThIV_MtNlmpRadps_u0n16(0)(0)	440
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	624
t2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0]	243
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	345
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	259
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	366
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	425
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	603
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1456 1072
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1456
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	192
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	192 3392

2015-06-29, 18:06:03+0530



			(10-10
Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	569		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][0]	74		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	105		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	274		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	388		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	365		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	517		
t_EOTDmpVspd_Kph_u9p7[0]	9600		
t_EOTDmpVspd_Kph_u9p7[1]	28672		
t_EOTDmpVspd_Kph_u9p7[2]	28800		
t EOTDmpVspd Kph u9p7[3]	28928		
t_EOTEnterGainVspd_Kph_u9p7[0]	9600		
t EOTEnterGainVspd Kph u9p7[1]	28672		
t_EOTEnterGainVspd_Kph_u9p7[2]	28800		
t EOTEnterGainVspd Kph u9p7[3]	28928		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	560		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	944		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	1056		
t SpdlptTblYTbl MtrRadpS u12p4[1]	1440		
t_TrqTableX_HwNm_u8p8[0]	1280		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTblY_Uls_u2p14[0]	672		
t_TrqTblY_Uls_u2p14[1]	754		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-579.314026		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	987.671997		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.896000028		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-689.049988		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-8.5		
target EOTActuatorMng Per1 MotorVel MtrRadpS f32.value	-456		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.735000014		
target EOTActuatorMng Per1 VehicleSpeed Kph f32.value	6.46000004		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_		amning MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CcwFound_		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Perl_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f:			
		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		· -	
target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	7.61912012	7.61912012 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	701	701 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1004269436	1004269436 ± 1	•
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	58612544	58612544 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.735000014	0.735000014 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.46762085	0.46762085 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	SES_ENTERING	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.61912012	7.61912012 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.46762085	0.46762085 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTACIDATONING_Peri			TOPOTOGO
Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1714		
t2_EOTEnterGainY_Uls_u1p15[3][0]	1049		
t2_EOTEnterGainY_Uls_u1p15[3][1]	108		
t2_EOTEnterGainY_Uls_u1p15[3][2]	8		
t2_EOTEnterGainY_Uls_u1p15[3][3]	8		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	334		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	474		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	243		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	345		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	274		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	388		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	440		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	320 320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1088		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1472		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	704		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3408		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	474		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	719		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	304		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	431		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	289		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	409		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	380		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	538		
t_EOTDmpVspd_Kph_u9p7[0]	9728		
t_EOTDmpVspd_Kph_u9p7[1]	29056		
t_EOTDmpVspd_Kph_u9p7[2]	29184		
t_EOTDmpVspd_Kph_u9p7[3]	29312		
t_EOTEnterGainVspd_Kph_u9p7[0]	9728		
t_EOTEnterGainVspd_Kph_u9p7[1]	29056		
t_EOTEnterGainVspd_Kph_u9p7[2]	29184		
t_EOTEnterGainVspd_Kph_u9p7[3]	29312		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	576		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	960		
t_SpdIptTblYTbl_MtrRadpS_u12p4[0]	1072		
t_SpdIptTblYTbl_MtrRadpS_u12p4[1]	1456		
t_TrqTableX_HwNm_u8p8[0]	1024 1280		
t_TrqTableX_HwNm_u8p8[1] t_TrqTblY_Uls_u2p14[0]	688		
t_TrqTbIY_Uls_u2p14[1]	770		
target EOTActuatorMng Per1 CcwEOT HwDeg f32.value	-896.528015		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	675.054016		
target EOTActuatorMng Per1 CwFound Cnt Igc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.74000001		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-675.421021		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	9.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	897		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.472000003		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	7.78700018		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	in_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrl	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CcwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwE)eg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	· · · · · · · ·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	· · · · · · · · · · · · · · · · · · ·	_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	· · · · · · · · · · · · · · · · · · ·	· -	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLtd	, , , , , , , , , , , , , , , , , , ,		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_			
Name	Actual Value	Expected Value	Resi
EOTActuatorMng_Damping_MtrNm_M_f32	0.388980031	0.388980001 ± 0.0000390625	
EOTActuatorMng EOTImpactPos HwDeg M f32	702	702 ± 0.0000390625	

702

702 ± 0.0000390625

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	816307907	816307907 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	55892600	55892600 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.472000003	0.472000003 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.380096436	0.380096436 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0.388980031	0.388980001 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.380096436	0.380096436 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	•
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.50 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	8.10000038
EOTActuatorMng EOTImpactPos HwDeg M f32	400.079987
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	236223201
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83886080
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.340000004
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.465000004
k_EOTDefltPosition_HwDeg_u12p4	10480
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k EOTDynConf Uls u8p8	23040
k_EOTEnterLPFKn_Cnt_u16	3564
k_EOTExitLPFKn_Cnt_u16	3355
k_EOTImpSpdEn_Kph_u9p7	4096
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	198.539993
k_EOTStateHwTrqLPFKn_Cnt_u16	1111
k_MaxRackTrvl_HwDeg_u12p4	2384
k_MinRackTrvl_HwDeg_u12p4	7312
k_PosRampStep_HwDeg_u12p4	7104
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1456
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	4352
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	4368
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	4384
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	3216
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	9632
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	9648
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	9664
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	2192
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	6560
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6576
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	6592
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	752
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	2240
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	2256
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	2272
t2_EOTEnterGainY_Uls_u1p15[0][0]	7
t2_EOTEnterGainY_Uls_u1p15[0][1]	8
t2_EOTEnterGainY_Uls_u1p15[0][2]	88

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[0][3]	859
t2_EOTEnterGainY_Uls_u1p15[1][0]	4
t2_EOTEnterGainY_Uls_u1p15[1][1] t2_EOTEnterGainY_Uls_u1p15[1][2]	5
t2_EOTEnterGainT_Ois_u1p15[1][2] t2_EOTEnterGainY_Uis_u1p15[1][3]	98 980
t2_EOTEnterGain1_Uis_u1p15[1][0]	10
t2_EOTEnterGainY_Uls_u1p15[2][1]	11
t2_EOTEnterGainY_Uls_u1p15[2][2]	186
t2_EOTEnterGainY_Uls_u1p15[2][3]	1809
t2_EOTEnterGainY_Uls_u1p15[3][0]	478
t2_EOTEnterGainY_Uls_u1p15[3][1]	49
t2_EOTEnterGainY_Uls_u1p15[3][2]	6
t2_EOTEnterGainY_Uls_u1p15[3][3]	6
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	183
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	259
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	395
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	560
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	289 409
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0]	334
t2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][1]	474
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1104
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1488
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1104
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1488
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	256
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3424
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	87
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	937
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	319
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	452
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	304 431
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	395
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	560
t_EOTDmpVspd_Kph_u9p7[0]	9856
t_EOTDmpVspd_Kph_u9p7[1]	29440
t_EOTDmpVspd_Kph_u9p7[2]	29568
t_EOTDmpVspd_Kph_u9p7[3]	29696
t_EOTEnterGainVspd_Kph_u9p7[0]	9856
t_EOTEnterGainVspd_Kph_u9p7[1]	29440
t_EOTEnterGainVspd_Kph_u9p7[2]	29568
t_EOTEnterGainVspd_Kph_u9p7[3]	29696
t_SpdlptTblXTbl_HwDeg_u12p4[0]	976
t_SpdlptTbiXTbi_HwDeg_u12p4[1] t_SpdlptTbiYTbi_MtrRadpS_u12p4[0]	1088
t_SpdiptTbiYTbi_MtrRadpS_u12p4[0]	1472
t_Spaintinini_MatikaapS_u12p4[i] t_TrqTableX_HwNm_u8p8[0]	512
t TrqTableX HwNm u8p8[1]	1024
t_TrqTblY_Uls_u2p14[0]	705
t_TrqTblY_Uls_u2p14[1]	786
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-660.080994
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	765.033997
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-333.025391
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-8.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	250
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	0.773000002 12.9463997
target_EOTActuatorMing_PerT_verticlespeed_Rpit_lsz.value target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_PerT_AssistEOTDamping	
target_Rte_inst_Ap_E0TActuatorMng.E0TActuatorMng_Fe1T_AssistE0TDainping target_Rte_Inst_Ap_E0TActuatorMng.E0TActuatorMng_Per1_AssistE0TGain_Uls	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3	, ·
	target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_to introductioning_i or i_owi outla_on_igo
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Ou$	target_EOTActuatorMng_Per1_OutputRample	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.70292044	7.70291996 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400.079987	400.079987 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	223403493	223403493 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	84881536	84881536 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.773000002	0.773000002 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.104003906	0.104003906 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.70292044	7.70291996 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.104003906	0.104003906 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
日本 j@allg.新像TActuatorMng_Pen1_FGRpdCtneckpgintReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.51 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	8.19999981	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.869995	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1932735283	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-67108864	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.230000004	

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2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	2288
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	2304
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	2320
t2_EOTEnterGainY_Uls_u1p15[0][0]	7
t2_EOTEnterGainY_Uls_u1p15[0][1]	8
t2_EOTEnterGainY_Uls_u1p15[0][2]	98
t2_EOTEnterGainY_Uls_u1p15[0][3]	954
t2_EOTEnterGainY_Uls_u1p15[1][0]	5
t2_EOTEnterGainY_Uls_u1p15[1][1]	5
t2_EOTEnterGainY_Uls_u1p15[1][2]	196
t2_EOTEnterGainY_Uls_u1p15[1][3]	1930
t2_EOTEnterGainY_Uls_u1p15[2][0]	7
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	78
t2_EOTEnterGainY_Uls_u1p15[2][3]	763
t2_EOTEnterGainY_Uls_u1p15[3][0]	573
t2_EOTEnterGainY_Uls_u1p15[3][1]	59
t2_EOTEnterGainY_Uls_u1p15[3][2]	6
t2_EOTEnterGainY_Uls_u1p15[3][3]	7
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	280
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	410
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	581
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	380
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	538
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	153
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	216
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1120
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1504
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	1120
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	1504
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	288
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	3440
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	108
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	769
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	334
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	474
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	68
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	52
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	10
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	452
t_EOTDmpVspd_Kph_u9p7[0]	9984
t_EOTDmpVspd_Kph_u9p7[1]	29824
t_EOTDmpVspd_Kph_u9p7[2]	29952
t_EOTDmpVspd_Kph_u9p7[3]	30080
t_EOTEnterGainVspd_Kph_u9p7[0]	9984
t_EOTEnterGainVspd_Kph_u9p7[1]	29824
t EOTEnterGainVspd Kph u9p7[2]	29952
t EOTEnterGainVspd Kph u9p7[3]	30080
t_SpdIptTblXTbl_HwDeg_u12p4[0]	608
t_SpdiptTblXTbl_HwDeg_u12p4[1]	992
t SpdlptTbl/Tbl/ MtrRadpS u12p4[0]	1104
t_SpdiptTblYTbl_MtrRadpS_u12p4[0]	1488
t_SpaiptTbiTTbi_MitRadpS_uT2p4[1] t_TrqTableX_HwNm_u8p8[0]	1792
t_TrqTableX_HwNm_u8p8[1]	2304
	721
t_TrqTblY_Uls_u2p14[0]	
t_TrqTblY_Uls_u2p14[1]	803
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-777.544006 0
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	876.840027
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	444.047211
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	9.5
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-250
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.684000015
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	13.0846004
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Ul	s_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32
	rt target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	0eg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	ıt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_In$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_H$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	I_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.79481983	7.79481983 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	444.047211	444.047211 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1746017692	1746017692 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-58340992	-58340992 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.684000015	0.684000015 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.813049316	0.813049316 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.79481983	7.79481983 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.813049316	0.813049316 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	-

Test Step 2.52 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789.052002
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1009317315
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.606000006
k_EOTDefltPosition_HwDeg_u12p4	3200
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	6544
k_EOTExitLPFKn_Cnt_u16	111
k_EOTImpSpdEn_Kph_u9p7	5376
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	206.639999
k_EOTStateHwTrqLPFKn_Cnt_u16	3754
k_MaxRackTrvl_HwDeg_u12p4	1776
k_MinRackTrvl_HwDeg_u12p4	14400
k_PosRampStep_HwDeg_u12p4	10848
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	80
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	80
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	176
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	320
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	480

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	MACICAL
Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1424
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1456
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1120
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3344
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3360
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3376
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1760
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5264
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5280 5296
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	0
t2_EOTEnterGainY_Uls_u1p15[0][0] t2_EOTEnterGainY_Uls_u1p15[0][1]	3
t2_EOTEnterGainY_Uls_u1p15[0][2]	4
t2_EOTEnterGainY_Uls_u1p15[0][3]	5
t2_EOTE:hterGainY_Uls_u1p15[1][0]	5
t2_EOTEnterGainY_Uls_u1p15[1][1]	6
t2_EOTEnterGainY_Uls_u1p15[1][2]	29
12_EOTEnterGainY_Uls_u1p15[1][3]	288
12_EOTEnterGainY_Uls_u1p15[2][0]	5
t2_EOTEnterGainY_Uls_u1p15[2][1]	5
12_EOTEnterGainY_Uls_u1p15[2][2]	20
12_EOTEnterGainY_Uls_u1p15[2][3]	193
t2_EOTEnterGainY_Uls_u1p15[3][0]	763
t2_EOTEnterGainY_Uls_u1p15[3][1]	78
t2_EOTEnterGainY_Uls_u1p15[3][2]	7
t2_EOTEnterGainY_Uls_u1p15[3][3]	7
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0]	76
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	77
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	108
I2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	77
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	108
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	32 44
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	448
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1120
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	640
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1024
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	640
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4016
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	400
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	544
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	1
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	44
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	37
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	194
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	62
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	87
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	10
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	452
t_EOTDmpVspd_Kph_u9p7[0]	3840
t_EOTDmpVspd_Kph_u9p7[1]	11392
t_EOTDmpVspd_Kph_u9p7[2]	11520
t_EOTDmpVspd_Kph_u9p7[3]	11648
t_EOTEnterGainVspd_Kph_u9p7[0]	3840
t_EOTEnterGainVspd_Kph_u9p7[1]	11392
t_EOTEnterGainVspd_Kph_u9p7[2]	11520
t_EOTEnterGainVspd_Kph_u9p7[3]	11648
t_SpdlptTblXTbl_HwDeg_u12p4[0]	64 224
:_SpdlptTblXTbl_HwDeg_u12p4[1] :_SpdlptTblYTbl_MtrRadpS_u12p4[0]	400
t_SpdiptTblYTbl_MtrRadpS_u12p4[0] t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	544
t_TrqTableX_HwNm_u8p8[0]	512
t_TrqTableX_HwNm_u8p8[1]	2304
t_TrqTblY_Uls_u2p14[0]	16
t_TrqTblY_Uls_u2p14[1]	164
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888.109985
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950.544006
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
target LOTACIDATORNING FELL LOTDISABLE CITE IUC.Value	

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530





0.486328125 ± 0.00048828125

Name	Input Value		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	800.01001		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.100000001		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.819000006		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10.0100002		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_MtrInstructions and the property of the$	target_EOTActuatorMng_Per1_AssistEOTLir	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuat$	target_EOTActuatorMng_Per1_HandWheelA	outh_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultApUTRampMultApUTRAMP$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-20.0867195	-20.0867195 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	908572435	908572435 ± 1	-
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	13007215	13007215 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.819000006	0.819000006 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.423065186	0.423065186 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.423065186	0.423065186 ± 0.0000390625	~

T .				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.486328125

Test Step 2.53 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	20.5
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.040009
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	794568950
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-148981678
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.540000021
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.91900003
k_EOTDefltPosition_HwDeg_u12p4	4800
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024
k_EOTDynConf_Uls_u8p8	5120
k_EOTEnterLPFKn_Cnt_u16	3643
k_EOTExitLPFKn_Cnt_u16	222
k_EOTImpSpdEn_Kph_u9p7	5504
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200
k_EOTStateHwTrqLPFKn_Cnt_u16	2436
k_MaxRackTrvl_HwDeg_u12p4	3552

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value k MinRackTrvl_HwDeg_u12p4 15456 2016 k_PosRampStep_HwDeg_u12p4 k SoftStopEOTEnable_Cnt_lgc k_SpdlptScale_MtrNmpRadpS_u4p12 80 t2 EOTEnterGainX_HwDeg_u12p4[0][0] 160 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 320 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 480 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 640 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 496 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1472 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1488 1504 t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1136 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3392 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3408 3424 t2_EOTEnterGainX_HwDeg_u12p4[2][3] t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1776 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5312 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5328 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5344 t2_EOTEnterGainY_Uls_u1p15[0][0] 4 t2_EOTEnterGainY_Uls_u1p15[0][1] 5 t2_EOTEnterGainY_Uls_u1p15[0][2] 10 t2_EOTEnterGainY_Uls_u1p15[0][3] 98 t2 EOTEnterGainY_Uls_u1p15[1][0] 5 t2_EOTEnterGainY_Uls_u1p15[1][1] 6 t2_EOTEnterGainY_Uls_u1p15[1][2] 39 t2_EOTEnterGainY_Uls_u1p15[1][3] 383 t2 EOTEnterGainY Uls u1p15[2][0] 5 t2_EOTEnterGainY_Uls_u1p15[2][1] 6 t2_EOTEnterGainY_Uls_u1p15[2][2] 29 t2_EOTEnterGainY_Uls_u1p15[2][3] 288 t2 EOTEnterGainY Uls u1p15[3][0] 859 t2_EOTEnterGainY_Uls_u1p15[3][1] 88 t2_EOTEnterGainY_Uls_u1p15[3][2] t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 16 22 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 92 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 130 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 92 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 130 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 16 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 22 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]$ 480 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1136 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]$ 656 1040 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4032 t2 EOTPosDepDmpTblX HwDeg u12p4[3][0] 416 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 560 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][0] 22 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 160 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 153 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 216 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 108 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 52 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 68 t_EOTDmpVspd_Kph_u9p7[0] 3968 11776 $t_EOTDmpVspd_Kph_u9p7[1]$ $t_EOTDmpVspd_Kph_u9p7[2]$ 11904 t_EOTDmpVspd_Kph_u9p7[3] 12032 t_EOTEnterGainVspd_Kph_u9p7[0] 3968 t_EOTEnterGainVspd_Kph_u9p7[1] 11776 t_EOTEnterGainVspd_Kph_u9p7[2] 11904 t EOTEnterGainVspd Kph u9p7[3] 12032 t_SpdlptTblXTbl_HwDeg_u12p4[0] 48 t_SpdlptTblXTbl_HwDeg_u12p4[1] 240 t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 416 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] 560 t_TrqTableX_HwNm_u8p8[0] 512

2015-06-29, 18:06:03+0530



Name	Input Value		
t_TrqTableX_HwNm_u8p8[1]	2048		
t_TrqTbIY_Uls_u2p14[0]	33		
t_TrqTblY_Uls_u2p14[1]	328		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-500.440002		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	500.049988		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.319999993		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-200.029999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.20000003		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.856999993		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	8.02000046		
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	target_EOTActuatorMng_Per1_AssistEOTGa	in_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	:nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcolor=0.00000000000000000000000000000000000$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.Per1_R$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_HwloreMng_Rest_Ap_EOTActuatorMng_Rest_Ap_EOTA$	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Results and the state of the state $	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Output$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Ap_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_$	target_EOTActuatorMng_Per1_VehicleSpeed	l_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~

tangot_no_not_np_connections.g.connections.g.	_ g		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	18.1000004	18.1000004 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	300.040009	300.040009 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	750758232	750758232 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-149678374	-149678374 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.856999993	0.856999993 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.349578857	0.349578857 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.349578857	0.349578857 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.54 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	0	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567.25	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	579820585	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	130358968	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.430000007	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.86500001	
k_EOTDefltPosition_HwDeg_u12p4	6400	
k_EOTDeltaTrqThrsh_HwNm_u9p7	896	
k_EOTDynConf_Uls_u8p8	7680	
k_EOTEnterLPFKn_Cnt_u16	854	

EOTActuatorMng_Per1

2015-06-29, 18:06:03+0530



EOTActuatoriving_PerT		1000
Name	Input Value	
k_EOTExitLPFKn_Cnt_u16	333	
<_EOTImpSpdEn_Kph_u9p7	5632	
<_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
c_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	190.440002	
c_EOTStateHwTrqLPFKn_Cnt_u16	9999	
c_MaxRackTrvl_HwDeg_u12p4	5328	
<_MinRackTrvl_HwDeg_u12p4	20400	
<_PosRampStep_HwDeg_u12p4	5696	
k_SoftStopEOTEnable_Cnt_lgc	0	
<_SpdlptScale_MtrNmpRadpS_u4p12	81	
2_EOTEnterGainX_HwDeg_u12p4[0][0]	800	
2_EOTEnterGainX_HwDeg_u12p4[0][1]	960	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	1120	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1280	
12_EOTEnterGainX_HwDeg_u12p4[1][0]	512 1520	
:2_EOTEnterGainX_HwDeg_u12p4[1][1] :2_EOTEnterGainX_HwDeg_u12p4[1][2]	1536	
2_EOTEIRE/GainX_HwDeg_u12p4[1][2]	1552	
2_EOTEnterGainX_11wDeg_u12p4[1][0]	1152	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3440	
2 EOTEnterGainX_rwbeg_u12p4[2][2]	3456	
2_EOTEINEIGainX_HwDeg_u12p4[2][2] 2_EOTEINEIGainX_HwDeg_u12p4[2][3]	3472	
2_EOTEItterGainX_HwDeg_u12p4[3][0]	1792	
t2_EOTETiterGainX_TwDeg_u12p4[3][0] t2_EOTEtiterGainX_HwDeg_u12p4[3][1]	5360	
t2 EOTEnterGainX HwDeg u12p4[3][2]	5376	
t2_EOTEnterGainX_1WDeg_u12p4[3][2]	5392	
2_EOTEnterGainY_Uls_u1p15[0][0]	5	
t2_EOTEnterGainY_Uls_u1p15[0][1]	5	
12_EOTEnterGainY_Uls_u1p15[0][2]	20	
t2_EOTEnterGainY_Uls_u1p15[0][3]	193	
t2_EOTEnterGainY_Uls_u1p15[1][0]	6	
t2_EOTEnterGainY_Uls_u1p15[1][1]	6	
12_EOTEnterGainY_Uls_u1p15[1][2]	49	
t2_EOTEnterGainY_Uls_u1p15[1][3]	478	
t2_EOTEnterGainY_Uls_u1p15[2][0]	383	
t2_EOTEnterGainY_Uls_u1p15[2][1]	39	
t2_EOTEnterGainY_Uls_u1p15[2][2]	5	
t2_EOTEnterGainY_Uls_u1p15[2][3]	6	
t2_EOTEnterGainY_Uls_u1p15[3][0]	954	
t2_EOTEnterGainY_Uls_u1p15[3][1]	98	
t2_EOTEnterGainY_Uls_u1p15[3][2]	7	
t2_EOTEnterGainY_Uls_u1p15[3][3]	8	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	32	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	44	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	16	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	22	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	4	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	26	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	62	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	87	
l2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	512	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1152	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	672	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1056	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	704	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	4048	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	432	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	576	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	44	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	315	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	88	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	92	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	130	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	99	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	698	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	4096	
:_EOTDmpVspd_Kph_u9p7[0]	12160	
t_EOTDmpVspd_Kph_u9p7[1]	12288	
t_EOTDmpVspd_Kph_u9p7[2] t_EOTDmpVspd_Kph_u9p7[3]	12288	
t_EOTEnterGainVspd_Kph_u9p7[0]	4096	
	1000	
t_EOTEnterGainVspd_Kph_u9p7[1]	12160	

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value t_EOTEnterGainVspd_Kph_u9p7[3] 12416 t_SpdlptTblXTbl_HwDeg_u12p4[0] t_SpdlptTblXTbl_HwDeg_u12p4[1] 256 t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 432 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 576 t_TrqTableX_HwNm_u8p8[0] 512 t_TrqTableX_HwNm_u8p8[1] 1792 $t_TrqTblY_Uls_u2p14[0]$ 49 t_TrqTblY_Uls_u2p14[1] 492 -775.780029 $target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value$ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value $target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value$ 850 21698 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value $target_EOTActuatorMng_Per1_EOTD is able_Cnt_lgc.value$ 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.819999993 $target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value$ 700.049988 target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value 0 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value 0.300000012 $target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value$ 0.0829999968 target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value 11.0299997 $target_Rte_inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTActuatorMng_Per$ target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTGain_Uls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLimit_Mtrt \\ target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_InstAp_EOTActuatorMng_Rte_InstAp_EO$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32

target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_CowFound_Cnt_igc target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_CowFound_Cnt_igc target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_CwFound_Cnt_igc target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_EOTDisable_Cnt_igc target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Perl_HandWheelAuth_Uls target_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_Perl_HandWheelPos_Hwl target_EOTActuatorMng_Perl_HandWheelPos_Hwl target_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_Perl_HandWheelPos_Hwl target_EOTActuatorMng_Perl_HandWheelPos_Hwl target_EOTActuatorMng_Perl_HandWheelPos_Hand

target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_ target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.000201416027	0.000201415998 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400	400 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	572430069	572430069 ± 1	✓
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	110470957	110470957 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0829999968	0.0829999968 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.266540527	0.266540527 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0.000201416027	0.000201415998 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.266540527	0.266540527 ± 0.0000390625	•
target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32.value	0.528002918	0.528002918 ± 0.00048828125	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	-
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.55 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-2.79999995	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	456.540009	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	365072220	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-111736259	

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value EOTActuatorMng_PrevEOTGain_Uls_M_f32 0.319999993 SES_ENTERING EOTActuatorMng_SESState_Uls_M_enum Rte_Inst_Ap_EOTActuatorMng target_Rte_Inst_Ap_EOTActuatorMng k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.0430000015 k EOTDefltPosition HwDeg u12p4 8000 k_EOTDeltaTrqThrsh_HwNm_u9p7 768 k_EOTDynConf_Uls_u8p8 10240 k_EOTEnterLPFKn_Cnt_u16 799 k_EOTExitLPFKn_Cnt_u16 444 $k_EOTImpSpdEn_Kph_u9p7$ 5760 $k_EOTO riginal Impact and Soft End_Cnt_lgc$ 0 k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 290 440002 k_EOTStateHwTrqLPFKn_Cnt_u16 8888 7104 k_MaxRackTrvl_HwDeg_u12p4 k_MinRackTrvl_HwDeg_u12p4 15616 10816 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 81 k SpdlptScale MtrNmpRadpS u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1440 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1600 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1760 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 1920 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 528 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1568 t2 EOTEnterGainX_HwDeg_u12p4[1][2] 1584 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1600 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1168 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3488 t2 EOTEnterGainX HwDeg u12p4[2][2] 3504 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3520 t2 EOTEnterGainX HwDeg u12p4[3][0] 1808 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5408 t2 EOTEnterGainX HwDeg u12p4[3][2] 5424 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5440 t2_EOTEnterGainY_Uls_u1p15[0][0] 5 t2_EOTEnterGainY_Uls_u1p15[0][1] 6 t2_EOTEnterGainY_Uls_u1p15[0][2] 29 288 t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0] 6 t2 EOTEnterGainY_Uls_u1p15[1][1] 7 t2_EOTEnterGainY_Uls_u1p15[1][2] 59 t2 EOTEnterGainY_Uls_u1p15[1][3] 573 t2_EOTEnterGainY_Uls_u1p15[2][0] 478 t2_EOTEnterGainY_Uls_u1p15[2][1] 49 t2_EOTEnterGainY_Uls_u1p15[2][2] 6 t2_EOTEnterGainY_Uls_u1p15[2][3] 6 t2_EOTEnterGainY_Uls_u1p15[3][0] 1049 t2_EOTEnterGainY_Uls_u1p15[3][1] 108 t2_EOTEnterGainY_Uls_u1p15[3][2] 8 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[0][0] 76 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 108 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 122 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 173 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 122 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 173 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 77 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 108 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 544 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1168 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 688 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1072 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 784 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4064 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 448 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 592 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][1] 109 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 259 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 183 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 102 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 452 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 4

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

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Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	713		
t_EOTDmpVspd_Kph_u9p7[0]	4224		
t_EOTDmpVspd_Kph_u9p7[1]	12544		
t_EOTDmpVspd_Kph_u9p7[2]	12672		
t_EOTDmpVspd_Kph_u9p7[3]	12800		
t_EOTEnterGainVspd_Kph_u9p7[0]	4224		
t EOTEnterGainVspd Kph u9p7[1]	12544		
t_EOTEnterGainVspd_Kph_u9p7[2]	12672		
t_EOTEnterGainVspd_Kph_u9p7[3]	12800		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	16		
t_SpdIptTbIXTbI_HwDeg_u12p4[1]	272		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	448		
t SpdlptTblYTbl MtrRadpS_u12p4[1]	592		
_ , , , _ , _ , _ , _ , _ , _ , _ ,	512		
t_TrqTableX_HwNm_u8p8[0]	1536		
t_TrqTableX_HwNm_u8p8[1]			
t_TrqTblY_Uls_u2p14[0]	66 655		
t_TrqTblY_Uls_u2p14[1]			
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-666.450012		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	777.539978		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.449999988		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-600.039978		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.40000006		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.75		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	15.04		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT	FDamping_target_EOTActuatorMng_Per1_AssistEO	TDamping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT	ΓGain_Uls_ target_EOTActuatorMng_Per1_AssistEO	TGain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_	HwDeg_f3 target_EOTActuatorMng_Per1_CcwEOT	_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFounders and the state of the state o$	d_Cnt_lgc target_EOTActuatorMng_Per1_CcwFoun	d_Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT H	HwDeg f32 target_EOTActuatorMng_Per1_CwEOT_	HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_$	_Cnt_lgc target_EOTActuatorMng_Per1_CwFound	l_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTD is also also also also also also also als$	ole_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisa	ble_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaT$	elAuth_Uls target_EOTActuatorMng_Per1_HandWhe	eelAuth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheatarget_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaTorMng_Rte_Inst_Ap_EOTActuaT$	elPos_Hwl target_EOTActuatorMng_Per1_HandWhe	eelPos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque$	e_HwNm_f target_EOTActuatorMng_Per1_HwTorqu	e_HwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_Inst_Ap_EOTActuatorMng_Per1_MotorVel_InstAp_EOTActuatorMng$	MtrRadpS target_EOTActuatorMng_Per1_MotorVel	_MtrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRainstander (App_EOTActuatorMng) = (App_EOTActuatorM$	mpMultLtd_ target_EOTActuatorMng_Per1_OutputRa	mpMultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSp	eed Kph target_EOTActuatorMng_Per1_VehicleSp	peed_Kph_f32	
Name	Actual Value	Expected Value	Resu
EOTActuatorMng_Damping_MtrNm_M_f32	-2.21912003	-2.21912003 ± 0.0000390625	
EOTActuatorMng EOTImpactPos HwDeg M f32	456.540009	456.540009 ± 0.0000390625	
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	360851902	360851902 ± 1	
EOTActuatorMng FiltHWTrgSV HwNm M s7p24	-85205579	-85205579 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.75	0.75 ± 0.00390625	
EOTActuatorMng PrevEOTGain Uls M f32	0.168029785	0.168029785 ± 0.0625	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	
target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32.value	-2.21912003	-2.21912003 ± 0.00048828125	
terget_COTActuaterMag_Der1_AssistEOTOcin_Ulle_f22_value	0.460030705	0.469020785 + 0.00040020725	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.168029785

8.80000019

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

0.168029785 ± 0.0000390625

8.80000019 ± 0.00048828125





Test Step 2.56 (Repeat Count = 1)	→
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.4000001
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	345.653992
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1997159793
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	93113549
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.20999993
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69599998
k_EOTDefltPosition_HwDeg_u12p4 k_EOTDeltaTrqThrsh_HwNm_u9p7	9600 640
k EOTDynConf Uls u8p8	12800
k_EOTEnterLPFKn_Cnt_u16	600
k_EOTExitLPFKn_Cnt_u16	555
k_EOTImpSpdEn_Kph_u9p7	5888
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	390.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	7777
k_MaxRackTrvl_HwDeg_u12p4	8880
k_MinRackTrvl_HwDeg_u12p4	14336
k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc	4096 0
k_SpdlptScale_MtrNmpRadpS_u4p12	82
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	96
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	544
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1632
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1648
t2_EOTEnterGainX_HwDeg_u12p4[2][0] t2_EOTEnterGainX_HwDeg_u12p4[2][1]	1184 3536
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3552
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3568
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1824
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5456
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5472
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5488
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	39 383
t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	69
t2_EOTEnterGainY_Uls_u1p15[1][3]	668
t2_EOTEnterGainY_Uls_u1p15[2][0]	573
t2_EOTEnterGainY_Uls_u1p15[2][1]	59
t2_EOTEnterGainY_Uls_u1p15[2][2]	6
t2_EOTEnterGainY_Uls_u1p15[2][3]	7
t2_EOTEnterGainY_Uls_u1p15[3][0]	1144
t2_EOTEnterGainY_Uls_u1p15[3][1] t2_EOTEnterGainY_Uls_u1p15[3][2]	118
t2_EOTEnterGainY_UIs_u1p15[3][2]	9
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	62
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	87
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	194
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	194
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	92
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	130
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	576 1184
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	704
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	1088
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	768
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4080
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	464
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	608
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	87

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	937		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	173		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	103		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	728		
t_EOTDmpVspd_Kph_u9p7[0]	4352		
t_EOTDmpVspd_Kph_u9p7[1]	12928		
t_EOTDmpVspd_Kph_u9p7[2]	13056		
t EOTDmpVspd Kph u9p7[3]	13184		
t_EOTEnterGainVspd_Kph_u9p7[0]	4352		
t_EOTEnterGainVspd_Kph_u9p7[1]	12928		
t_EOTEnterGainVspd_Kph_u9p7[2]	13056		
t_EOTEnterGainVspd_Kph_u9p7[3]	13184		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	464		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	608		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	82		
t_TrqTblY_Uls_u2p14[1]	819		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-665.140015		
target EOTActuatorMng Per1 CcwFound Cnt lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	750.14502		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.829999983		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	600.070007		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.5		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.771000028		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	16.0499992		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamp		FOTDamping MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDe			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg	.0 _ 0		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Ig	_ ' - '- '		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt	· · · · · · · · · · · · · · · · · · ·		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Perl_HwTorque_HwN			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRa			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMul			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_K			D
Name	Actual Value	Expected Value	Resul
EOTActuatorMng_Damping_MtrNm_M_f32	1.61912012	1.61912 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600	600 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1979105193	1979105193 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	92024769	92024769 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.771000028	0.771000028 ± 0.00390625	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.921569824	0.921569824 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.61912012	1.61912 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.921569824	0.921569824 ± 0.0000390625	
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.570556641	0.570556641 ± 0.00048828125	



T ·					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~	
EOTDetermination	1	EOTDetermination	1	•	
EOTOrigImpact	1	EOTOrigImpact	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	
SES_DetLmtPos	1	SES_DetLmtPos	1	~	
SES_CalcExitGain	1	SES_CalcExitGain	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~	
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~	
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	
SES_StateCtrl	1	SES_StateCtrl	1	~	
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~	

Test Step 2.57 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	0
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	234.052002
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1782411428
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-74490839
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.310000002
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.61500001
k_EOTDefltPosition_HwDeg_u12p4	11200
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
k_EOTDynConf_Uls_u8p8	15360
k_EOTEnterLPFKn_Cnt_u16	500
k_EOTExitLPFKn_Cnt_u16	666
k_EOTImpSpdEn_Kph_u9p7	6016
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	490.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	6666
k_MaxRackTrvl_HwDeg_u12p4	10656
k_MinRackTrvl_HwDeg_u12p4	11920
k_PosRampStep_HwDeg_u12p4	9008
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	82
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	336
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	656
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	560
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1664
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1680
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1696
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1200
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3584
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3600
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3616
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1840
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5504
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5520
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5536
t2_EOTEnterGainY_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	478
t2 EOTEnterGainY Uls u1p15[0][3]	49
t2 EOTEnterGainY Uls u1p15[1][0]	7
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	78
t2_EOTEnterGainY_Uls_u1p15[1][3]	763
t2_EOTEnterGainY_Uls_u1p15[2][0]	668
t2_EOTEnterGainY_Uls_u1p15[2][1]	69
t2_EOTEnterGainY_Uls_u1p15[2][2]	6
t2_EOTEnterGainY_Uls_u1p15[2][3]	7
a0 Odii i _0 i0_d i p i 0[2][0]	· · · · · · · · · · · · · · · · · · ·

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value			
t2_EOTEnterGainY_Uls_u1p15[3][0]	1239			
t2_EOTEnterGainY_Uls_u1p15[3][1]	127			
t2_EOTEnterGainY_Uls_u1p15[3][2]	8			
t2_EOTEnterGainY_Uls_u1p15[3][3]	9			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	77			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108			
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0]	153			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	216			
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	153			
	216			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	107			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]				
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	151			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	608			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1200			
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	720			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1104			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	800			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4096			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	480			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	624			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	108			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	769			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	302			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	213			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	137			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	194			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	74			
	105			
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	4480			
t_EOTDmpVspd_Kph_u9p7[0]				
t_EOTDmpVspd_Kph_u9p7[1]	13312			
t_EOTDmpVspd_Kph_u9p7[2]	13440			
t_EOTDmpVspd_Kph_u9p7[3]	13568			
t_EOTEnterGainVspd_Kph_u9p7[0]	4480			
t_EOTEnterGainVspd_Kph_u9p7[1]	13312			
t_EOTEnterGainVspd_Kph_u9p7[2]	13440			
t_EOTEnterGainVspd_Kph_u9p7[3]	13568			
t_SpdlptTblXTbl_HwDeg_u12p4[0]	144			
t_SpdlptTblXTbl_HwDeg_u12p4[1]	304			
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	480			
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	624			
t_TrqTableX_HwNm_u8p8[0]	256			
t_TrqTableX_HwNm_u8p8[1]	1024			
t_TrqTblY_Uls_u2p14[0]	16			
t TrgTblY Uls u2p14[1]	98			
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-555.349976			
target EOTActuatorMnq Per1 CcwFound Cnt Igc.value	0			
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	0			
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1			
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1			
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.230000004			
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-500.170013			
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	1.10000002			
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.600000024			
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.270000011			
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	17.0599995			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3				
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc	target EOTActuatorMng Per1 CcwFound C	· -		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	3			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo				
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls	, _ ,			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hw				
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f		_		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS				
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd				
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed			
Name	Actual Value	Expected Value	Result	
EOTActuatorMng_Damping_MtrNm_M_f32	-0.000988769578	-0.000988770043 ± 0.0000390625	~	
FOTA : I M FOTI ID II D M MO	004 050000	004 050000 + 0 000000005		

234.052002

1768837428

EOTActuatorMng_EOTImpactPos_HwDeg_M_f32

234.052002 ± 0.0000390625

1768837428 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-68784743	-68784743 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.270000011	0.270000011 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.823669434	0.823669434 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-0.000988769578	-0.000988770043 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.823669434	0.823669434 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.58 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1000.40997
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1567663063
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-55868129
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.529999971
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.200000003
k_EOTDefltPosition_HwDeg_u12p4	12800
k_EOTDeltaTrqThrsh_HwNm_u9p7	384
k_EOTDynConf_Uls_u8p8	0
k_EOTEnterLPFKn_Cnt_u16	486
k_EOTExitLPFKn_Cnt_u16	777
k_EOTImpSpdEn_Kph_u9p7	6144
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	590.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	5555
k_MaxRackTrvl_HwDeg_u12p4	12432
k_MinRackTrvl_HwDeg_u12p4	18672
k_PosRampStep_HwDeg_u12p4	5536
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdIptScale_MtrNmpRadpS_u4p12	82
12_EOTEnterGainX_HwDeg_u12p4[0][0]	800
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	960
12_EOTEnterGainX_HwDeg_u12p4[0][2]	1152
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1296
2 EOTEnterGainX HwDeg u12p4[1][0]	576
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1712
2_EOTEnterGainX_HwDeg_u12p4[1][2]	1728
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1744
2 EOTEnterGainX HwDeg u12p4[2][0]	1216
12_EOTEnterGainX_HwDeg_u12p4[2][1]	3632
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3648
t2 EOTEnterGainX HwDeg u12p4[2][3]	3664
12 EOTEnterGainX HwDeg u12p4[3][0]	1856
12 EOTEnterGainX HwDeg u12p4[3][1]	5552
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5568
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5584
12_E0TEnterGainX_TWB6g_172p4[0][0] 12_E0TEnterGainY_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	7
12_EOTEINE/Gain1_0is_u1p15[0][1] 12_EOTEINE/Gain1_Uls_u1p15[0][2]	59
t2_EOTEnterGain1_Uis_u1p15[0][2] t2_EOTEnterGainY_Uis_u1p15[0][3]	573
t2_EOTEnterGainT_Uis_u1p15[0][0]	7
	8
t2_EOTEnterGainY_Uls_u1p15[1][1]	U

2015-06-29, 18:06:03+0530



EOTActuatorMng Per1 Input Value t2 EOTEnterGainY_Uls_u1p15[1][2] 88 859 t2_EOTEnterGainY_Uls_u1p15[1][3] t2 EOTEnterGainY_Uls_u1p15[2][0] 763 t2_EOTEnterGainY_Uls_u1p15[2][1] 78 t2 EOTEnterGainY Uls u1p15[2][2] 7 t2_EOTEnterGainY_Uls_u1p15[2][3] 7 t2_EOTEnterGainY_Uls_u1p15[3][0] 1334 t2_EOTEnterGainY_Uls_u1p15[3][1] 137 t2_EOTEnterGainY_Uls_u1p15[3][2] 9 t2_EOTEnterGainY_Uls_u1p15[3][3] 9 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 92 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 130 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 168 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 237 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 168 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 237 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 122 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 173 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 640 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1216 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 736 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1120 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 832 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4112 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 496 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 640 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 130 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 920 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][0] 323 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 228 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[2][0] 153 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 216 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0] 76 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 108 t_EOTDmpVspd_Kph_u9p7[0] 4608 $t_EOTDmpVspd_Kph_u9p7[1]$ 13696 $t_EOTDmpVspd_Kph_u9p7[2]$ 13824 $t_EOTDmpVspd_Kph_u9p7[3]$ 13952 t EOTEnterGainVspd Kph u9p7[0] 4608 13696 t EOTEnterGainVspd Kph u9p7[1] t_EOTEnterGainVspd_Kph_u9p7[2] 13824 t EOTEnterGainVspd_Kph_u9p7[3] 13952 t_SpdlptTblXTbl_HwDeg_u12p4[0] 128 t_SpdlptTblXTbl_HwDeg_u12p4[1] 320 $t_SpdIptTbIYTbl_MtrRadpS_u12p4[0]$ 496 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] 640 t TrqTableX HwNm u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 768 t_TrqTblY_Uls_u2p14[0] 33 t_TrqTblY_Uls_u2p14[1] 115 $target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value$ -465.279999 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 1440.10999 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.839999974 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value 500.25 -1.20000005 $target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value$ target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value 0.699999988 $target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value$ 0.617999971 target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value 18.0699997 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_target_EOTActua$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLimit_MtrN target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32

target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f. target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-7.61912012	-7.61912012 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	800	800 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1556316421	1556316421 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-52835099	-52835099 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.617999971	0.617999971 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.724700928	0.724700928 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-7.61912012	-7.61912012 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.724700928	0.724700928 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.606591761	0.606591821 ± 0.00048828125	~

T ✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.59 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	2.4000001
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	999.140015
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1352914698
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	37245420
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.639999986
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.372000009
k_EOTDefltPosition_HwDeg_u12p4	1776
k_EOTDeltaTrqThrsh_HwNm_u9p7	256
k_EOTDynConf_Uls_u8p8	20480
k_EOTEnterLPFKn_Cnt_u16	400
k_EOTExitLPFKn_Cnt_u16	888
k_EOTImpSpdEn_Kph_u9p7	6272
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0
k_EOTStateHwTrqLPFKn_Cnt_u16	4444
k_MaxRackTrvl_HwDeg_u12p4	14208
k_MinRackTrvl_HwDeg_u12p4	6160
k_PosRampStep_HwDeg_u12p4	7456
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	83
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1632
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1776
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	2400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	592
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1760
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1776
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1792
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1232
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3680
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3696
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3712
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1872

2015-06-29, 18:06:03+0530



Name	Input Value
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5600
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5616
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5632
2_EOTEnterGainY_Uls_u1p15[0][0]	6
2_EOTEnterGainY_Uls_u1p15[0][1]	69
2_EOTEnterGainY_Uls_u1p15[0][2]	7
2_EOTEnterGainY_Uls_u1p15[0][3]	668
2_EOTEnterGainY_Uls_u1p15[1][0]	7
2 EOTEnterGainY Uls u1p15[1][1]	8
2_EOTEnterGainY_Uls_u1p15[1][2]	98
2_EOTEnterGainY_Uls_u1p15[1][3]	954
2 EOTEnterGainY Uls u1p15[2][0]	859
contenterGainY_Uls_u1p15[2][1]	88
2_EOTEnterGainY_Uls_u1p15[2][2]	7
2_EOTEnterGainY_Uls_u1p15[2][3]	8
	1429
2_EOTEnterGainY_UIs_u1p15[3][0]	147
2_EOTEnterGainY_Uls_u1p15[3][1]	
2_EOTEnterGainY_Uls_u1p15[3][2]	9
2_EOTEnterGainY_Uls_u1p15[3][3]	10
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	107
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	151
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	183
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	259
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	183
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	259
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	137
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	194
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	672
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1232
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	752
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1136
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	864
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4128
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	512
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	656
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	151
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	939
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	345
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	243
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	168
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	237
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	77
2_LOTP 0sDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	110
2_EOTPOSDEPDINPTBIT_MUNINPRAUPS_u0pTo[3][1] EOTDmpVspd Kph u9p7[0]	4736
_EOTDmpVspd_Kph_u9p7[1]	14080
_EOTDmpVspd_Kph_u9p7[2]	14208
_EOTDmpVspd_Kph_u9p7[3]	14336
_EOTEnterGainVspd_Kph_u9p7[0]	4736
_EOTEnterGainVspd_Kph_u9p7[1]	14080
_EOTEnterGainVspd_Kph_u9p7[2]	14208
_EOTEnterGainVspd_Kph_u9p7[3]	14336
_SpdlptTblXTbl_HwDeg_u12p4[0]	112
_SpdlptTblXTbl_HwDeg_u12p4[1]	336
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	512
_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	656
_TrqTableX_HwNm_u8p8[0]	0
_TrqTableX_HwNm_u8p8[1]	512
TrqTblY_Uls_u2p14[0]	49
TrqTblY_Uls_u2p14[1]	131
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-444.160004
arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0
urget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1000
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
riget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
arget_EOTActuatorMng_rer1_EOTBlaable_Cnt_gc.value	0.879999995
	-400.350006
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	
arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	2.29999995
arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-0.800000012
arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.541000009
	19.0499992
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamp arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_	ping_ target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcapers and the property of the proper$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per1_HwMp_FractuatorMng_Per$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Results (Application of the Company o$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	2.4000001	2.4000001 ± 0.0000390625	•
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	999.140015	999.140015 ± 0.0000390625	•

EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	MACICO
Name	Input Value
t2 EOTEnterGainX HwDeg u12p4[1][3]	1840
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1248
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3728
t2 EOTEnterGainX HwDeg u12p4[2][2]	3744
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3760
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1888
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5648
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5664
t2_EOTEnterGainX_rrwbeg_u12p4[3][2] t2_EOTEnterGainX_twbeg_u12p4[3][3]	5680
	7
t2_EOTEnterGainY_Uls_u1p15[0][0] t2_EOTEnterGainY_Uls_u1p15[0][1]	7
	78
t2_EOTEnterGainY_Uls_u1p15[0][2]	
t2_EOTEnterGainY_Uls_u1p15[0][3]	763
t2_EOTEnterGainY_Uls_u1p15[1][0]	8
t2_EOTEnterGainY_Uls_u1p15[1][1]	8
t2_EOTEnterGainY_Uls_u1p15[1][2]	108
t2_EOTEnterGainY_Uls_u1p15[1][3]	1049
t2_EOTEnterGainY_Uls_u1p15[2][0]	954
t2_EOTEnterGainY_Uls_u1p15[2][1]	98
t2_EOTEnterGainY_Uls_u1p15[2][2]	7
t2_EOTEnterGainY_Uls_u1p15[2][3]	8
t2_EOTEnterGainY_Uls_u1p15[3][0]	1524
t2_EOTEnterGainY_Uls_u1p15[3][1]	157
t2_EOTEnterGainY_Uls_u1p15[3][2]	9
t2_EOTEnterGainY_Uls_u1p15[3][3]	10
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	122
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	173
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	280
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	198
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	280
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	153
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	216
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	704
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1248
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	768
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	1152
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][0]	896
t2 EOTPosDepDmpTbIX HwDeg u12p4[2][1]	4144
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	528
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	672
t2_EOTPosDepDmpTblY_fiwDeg_u12p4[3][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	173
	958
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	366
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	259
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	183
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	259
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	112
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	788
t_EOTDmpVspd_Kph_u9p7[0]	4864
t_EOTDmpVspd_Kph_u9p7[1]	14464
EEOTDmpVspd_Kph_u9p7[2]	14592
EOTDmpVspd_Kph_u9p7[3]	14720
_EOTEnterGainVspd_Kph_u9p7[0]	4864
t_EOTEnterGainVspd_Kph_u9p7[1]	14464
 L_EOTEnterGainVspd_Kph_u9p7[2]	14592
t_EOTEnterGainVspd_Kph_u9p7[3]	14720
t_SpdlptTblXTbl_HwDeg_u12p4[0]	96
t_SpdlptTblXTbl_HwDeg_u12p4[1]	352
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	528
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	672
t_TrqTableX_HwNm_u8p8[0]	256
:_TrqTableX_HwNm_u8p8[1]	1792
t_TrqTblY_Uls_u2p14[0]	66
:_TrqTblY_Uls_u2p14[1]	147
	-1440.10999
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	100.054001
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.550000012
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-400.450012
0 = 0= = = 0=	

2015-06-29, 18:06:03+0530



Name	Input Value		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.109999999		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.437000006		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	1.11000001		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLtd	MultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
FOTActuatorMng Damping MtrNm M f32	0.399999857	0.400000006 ± 0.0000390625	

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.39999857	0.400000006 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	222	222 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	491889339	491889339 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	154177406	154177406 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.437000006	0.437000006 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.229034424	0.229034424 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	✓
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0.39999857	0.400000006 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.229034424	0.229034424 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.666472137	0.666472197 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	V

Test Step 2.61 (Repeat Count = 1)	🗸
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	4.5999999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	279172874
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-142606336
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.860000014
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.99000001
k_EOTDefltPosition_HwDeg_u12p4	5328
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	25600
k_EOTEnterLPFKn_Cnt_u16	200
k_EOTExitLPFKn_Cnt_u16	2345
k_EOTImpSpdEn_Kph_u9p7	6528
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	400
k_EOTStateHwTrqLPFKn_Cnt_u16	2222
k_MaxRackTrvl_HwDeg_u12p4	16000
k_MinRackTrvl_HwDeg_u12p4	6192
k_PosRampStep_HwDeg_u12p4	2624
k_SoftStopEOTEnable_Cnt_lgc	1

2015-06-29, 18:06:03+0530



EOTACtuatoriving_Peri	- Control of the cont
Name	Input Value
c_SpdlptScale_MtrNmpRadpS_u4p12	84
2_EOTEnterGainX_HwDeg_u12p4[0][0]	160
2_EOTEnterGainX_HwDeg_u12p4[0][1]	352
2_EOTEnterGainX_HwDeg_u12p4[0][2]	480
2_EOTEnterGainX_HwDeg_u12p4[0][3]	720
2_EOTEnterGainX_HwDeg_u12p4[1][0]	624
2_EOTEnterGainX_HwDeg_u12p4[1][1]	1856
2_EOTEnterGainX_HwDeg_u12p4[1][2]	1872
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1888
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1264
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3776
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3792
2_EOTEnterGainX_HwDeg_u12p4[2][3]	3808
2_EOTEnterGainX_HwDeg_u12p4[3][0]	1904
2_EOTEnterGainX_HwDeg_u12p4[3][1]	5696
2_EOTEnterGainX_HwDeg_u12p4[3][2]	5712
2_EOTEnterGainX_HwDeg_u12p4[3][3]	5728
2_EOTEnterGainY_Uls_u1p15[0][0]	7
2 EOTEnterGainY Uls u1p15[0][1]	8
	88
2_EOTEnterGainY_Uls_u1p15[0][2]	
2_EOTEnterGainY_Uls_u1p15[0][3]	859
2_EOTEnterGainY_Uls_u1p15[1][0]	8
2_EOTEnterGainY_Uls_u1p15[1][1]	9
2_EOTEnterGainY_Uls_u1p15[1][2]	118
2_EOTEnterGainY_Uls_u1p15[1][3]	1144
2_EOTEnterGainY_Uls_u1p15[2][0]	1049
2_EOTEnterGainY_Uls_u1p15[2][1]	108
2_EOTEnterGainY_Uls_u1p15[2][2]	8
2_EOTEnterGainY_Uls_u1p15[2][3]	8
2_EOTEnterGainY_Uls_u1p15[3][0]	1619
2_EOTEnterGainY_Uls_u1p15[3][1]	167
2_EOTEnterGainY_Uls_u1p15[3][2]	10
2_EOTEnterGainY_Uls_u1p15[3][3]	10
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	137
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	194
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	213
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	302
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	213
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	302
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	168
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	237
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	736
2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	1264
2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	784
corposDepDmpTblX_HwDeg_u12p4[1][1]	1168
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	928
	4160
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	544
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	688
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	194
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	715
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	388
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	274
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	198
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	280
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	114
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	804
_EOTDmpVspd_Kph_u9p7[0]	4992
_EOTDmpVspd_Kph_u9p7[1]	14848
_EOTDmpVspd_Kph_u9p7[2]	14976
_EOTDmpVspd_Kph_u9p7[3]	15104
_EOTEnterGainVspd_Kph_u9p7[0]	4992
EOTEnterGainVspd_Kph_u9p7[1]	14848
EOTEnterGainVspd_Kph_u9p7[2]	14976
_EOTEnterGainVspd_Kph_u9p7[3]	15104
_SpdlptTblXTbl_HwDeg_u12p4[0]	80
_SpdlptTblXTbl_HwDeg_u12p4[1]	368
	544
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	
_SpdlptTblYTbl_MtrRadpS_u12p4[1]	688
_TrqTableX_HwNm_u8p8[0]	768
_TrqTableX_HwNm_u8p8[1]	1536
_TrqTbIY_Uls_u2p14[0]	82
t_TrqTblY_Uls_u2p14[1]	164

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTActuatorMng_SESState_Uls_M_enum

target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

·			
Name	Input Value		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	444.040985		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.43999998		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-300.26001		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	4.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.129999995		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.00400000019		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	2.11999989		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_Per1_AssistEOTActuator$	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLir	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	_Per1_CcwEOT_HwDeg_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	_Cnt_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwt	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	.uth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelPos_Hwleres Ap_EOTActuatorMng_Per1_HandWheelP$	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwMDorque_HwNm_fractuatorMng_Per1_HwMDorque_H$	arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap_EOTActuatorMng_Per1_MtrRadpS_Inst_Ap$	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRample	MultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995	3.79999995 ± 0.0000390625	✓
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971	555.469971 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	278492874	278492874 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-140331008	-140331008 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0040000019	0.00400000019 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.129669189	0.129669189 ± 0.0625	✓
FOTA :	SES BISABLES		

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	_

SES_DISABLED

3.79999995

0.129669189

8.80000019

SES_DISABLED

3.79999995 ± 0.00048828125

0.129669189 ± 0.0000390625

8.80000019 ± 0.00048828125

Test Step 2.62 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	4.5999999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	279172874
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-142606336
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.860000014
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.99000001
k_EOTDefltPosition_HwDeg_u12p4	5328
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152
k_EOTDynConf_Uls_u8p8	25600
k_EOTEnterLPFKn_Cnt_u16	200
k_EOTExitLPFKn_Cnt_u16	2345
k_EOTImpSpdEn_Kph_u9p7	6528
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0

2015-06-29, 18:06:03+0530



EOTActuatorMng Per1 Input Value k EOTPosDepDempFinalSlew MtrNmpS T f32 400 2222 k_EOTStateHwTrqLPFKn_Cnt_u16 k_MaxRackTrvl_HwDeg_u12p4 16000 k_MinRackTrvl_HwDeg_u12p4 6192 k_PosRampStep_HwDeg_u12p4 2624 k_SoftStopEOTEnable_Cnt_lgc k_SpdlptScale_MtrNmpRadpS_u4p12 84 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 160 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 352 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 480 720 t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] 624 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1856 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1872 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1888 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1264 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3776 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3792 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3808 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1904 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5696 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5712 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5728 t2_EOTEnterGainY_Uls_u1p15[0][0] 8 t2_EOTEnterGainY_Uls_u1p15[0][1] t2_EOTEnterGainY_Uls_u1p15[0][2] 88 t2_EOTEnterGainY_Uls_u1p15[0][3] 859 t2_EOTEnterGainY_Uls_u1p15[1][0] 8 t2_EOTEnterGainY_Uls_u1p15[1][1] 9 t2_EOTEnterGainY_Uls_u1p15[1][2] 118 1144 t2_EOTEnterGainY_Uls_u1p15[1][3] t2_EOTEnterGainY_Uls_u1p15[2][0] 1049 t2 EOTEnterGainY Uls u1p15[2][1] 108 t2_EOTEnterGainY_Uls_u1p15[2][2] 8 t2_EOTEnterGainY_Uls_u1p15[2][3] t2 EOTEnterGainY_Uls_u1p15[3][0] 1619 t2_EOTEnterGainY_Uls_u1p15[3][1] 167 t2_EOTEnterGainY_Uls_u1p15[3][2] 10 t2_EOTEnterGainY_Uls_u1p15[3][3] 10 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 194 t2 EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 213 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 302 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 213 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]$ 302 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 168 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]$ 237 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 736 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1264 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 784 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1168 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 928 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4160 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 544

688

194

715

388

274

198

280

114

804

4992

14848 14976

15104

4992

14848

14976 15104

80 368

t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]

t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]

t_EOTDmpVspd_Kph_u9p7[0]

 $t_EOTDmpVspd_Kph_u9p7[1]$

t_EOTDmpVspd_Kph_u9p7[2] t_EOTDmpVspd_Kph_u9p7[3]

t EOTEnterGainVspd Kph u9p7[0]

t_EOTEnterGainVspd_Kph_u9p7[1]

t_EOTEnterGainVspd_Kph_u9p7[2]

t_EOTEnterGainVspd_Kph_u9p7[3] t_SpdlptTblXTbl_HwDeg_u12p4[0]

 $t_SpdIptTblXTbl_HwDeg_u12p4[1]$

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTACIDATIONING_Peri		TO LO	1000	
Name	Input Value			
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	544			
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	688			
t_TrqTableX_HwNm_u8p8[0]	768			
t_TrqTableX_HwNm_u8p8[1]	1536			
t_TrqTblY_Uls_u2p14[0]	82			
t_TrqTblY_Uls_u2p14[1]	164			
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0			
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0			
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	444.040985			
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0			
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1			
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.43999998			
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-300.26001			
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	4.5			
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.129999995			
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.00400000019			
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	2.11999989			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Results (Application of the Company of$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACtuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuato$	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrt target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_Hwl	Deg_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo	target_EOTActuatorMng_Per1_EOTDisable_	_Cnt_lgc		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_H$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Ou$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32		
Name	Actual Value	Expected Value	Result	
EOTActuatorMng_Damping_MtrNm_M_f32	3.79999995	3.79999804 ± 0.0000390625	✓	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	555.469971	555.469971 ± 0.0000390625	✓	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	278492874	278492874 ± 1	•	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-140331008	-140331008 ± 1	•	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.00400000019	0.00400000019 ± 0.00390625	~	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.129669189	0.129669189 ± 0.0625	~	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~	

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	•
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

3.79999995

0.129669189

8.80000019

3.79999804 ± 0.00048828125

0.129669189 ± 0.0000390625

8.80000019 ± 0.00048828125

Test Step 2.63 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	0	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567.25	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	579820585	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	130358968	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.430000007	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.69599998	
k_EOTDefltPosition_HwDeg_u12p4	6400	

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value k_EOTDeltaTrqThrsh_HwNm_u9p7 896 7680 k_EOTDynConf_Uls_u8p8 k_EOTEnterLPFKn_Cnt_u16 854 k_EOTExitLPFKn_Cnt_u16 333 k_EOTImpSpdEn_Kph_u9p7 5632 k_EOTOriginalImpactandSoftEnd_Cnt_lgc k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 190.440002 $k_EOTS tate HwTrqLPFKn_Cnt_u16$ 9999 k_MaxRackTrvl_HwDeg_u12p4 5328 k_MinRackTrvl_HwDeg_u12p4 20400 k_PosRampStep_HwDeg_u12p4 5696 k SoftStopEOTEnable Cnt Igc 0 k_SpdlptScale_MtrNmpRadpS_u4p12 81 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 800 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 960 1120 t2 EOTEnterGainX HwDeg u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] 1280 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 512 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 1520 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 1536 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 1552 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 1152 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 3440 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3456 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 3472 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1792 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 5360 t2_EOTEnterGainX_HwDeg_u12p4[3][2] 5376 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 5392 t2_EOTEnterGainY_Uls_u1p15[0][0] 5 t2_EOTEnterGainY_Uls_u1p15[0][1] 5 t2_EOTEnterGainY_Uls_u1p15[0][2] 20 t2 EOTEnterGainY Uls u1p15[0][3] 193 t2_EOTEnterGainY_Uls_u1p15[1][0] 6 t2_EOTEnterGainY_Uls_u1p15[1][1] 6 t2 EOTEnterGainY Uls u1p15[1][2] 49 t2_EOTEnterGainY_Uls_u1p15[1][3] 478 t2_EOTEnterGainY_Uls_u1p15[2][0] 383 t2_EOTEnterGainY_Uls_u1p15[2][1] 39 t2 EOTEnterGainY Uls u1p15[2][2] 5 t2_EOTEnterGainY_Uls_u1p15[2][3] 6 t2 EOTEnterGainY Uls u1p15[3][0] 954 t2_EOTEnterGainY_Uls_u1p15[3][1] 98 t2_EOTEnterGainY_Uls_u1p15[3][2] 7 t2_EOTEnterGainY_Uls_u1p15[3][3] 8 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 32 44 $t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1]$ t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 16 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 22 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 26 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 62 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 87 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1152 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1056 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 704 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4048 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 432 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 576 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 44 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 315 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 88 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]$ 12 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[2][0] 92 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 130 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0] 99 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 698 t_EOTDmpVspd_Kph_u9p7[0] 4096 $t_EOTDmpVspd_Kph_u9p7[1]$ 12160 t_EOTDmpVspd_Kph_u9p7[2] 12288 12416 t_EOTDmpVspd_Kph_u9p7[3]

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EU i Actuatoriving_Per i		Ida	SILAU
Name	Input Value		
t_EOTEnterGainVspd_Kph_u9p7[0]	4096		
t_EOTEnterGainVspd_Kph_u9p7[1]	12160		
t_EOTEnterGainVspd_Kph_u9p7[2]	12288		
t_EOTEnterGainVspd_Kph_u9p7[3]	12416		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	32		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	256		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	432		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	576		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	49		
t_TrqTblY_Uls_u2p14[1]	492		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-775.780029		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	850.21698		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.819999993		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	700.049988		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.300000012		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	11.0299997		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTD	pamping_ target_EOTActuatorMng_Per1_A	ssistEOTDamping_MtrNm_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTG	Gain Uls target_EOTActuatorMng_Per1_A	ssistEOTGain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTL	imit_Mtrl target_EOTActuatorMng_Per1_A	ssistEOTLimit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_H	wDeg_f3 target_EOTActuatorMng_Per1_C	cwEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_	Cnt_lgc target_EOTActuatorMng_Per1_C	cwFound_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32 target_EOTActuatorMng_Per1_C	wEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_C	Cnt_lgc target_EOTActuatorMng_Per1_C	wFound_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable	e_Cnt_lgc target_EOTActuatorMng_Per1_E	OTDisable_Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheel.	Auth_Uls target_EOTActuatorMng_Per1_H	andWheelAuth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheel	Pos_Hwl target_EOTActuatorMng_Per1_H	andWheelPos_HwDeg_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque	HwNm f: target_EOTActuatorMng_Per1_H	wTorque_HwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_M	ltrRadpS target_EOTActuatorMng_Per1_M	otorVel_MtrRadpS_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRamp	pMultLtd_ target_EOTActuatorMng_Per1_O	utputRampMultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpee	ed_Kph_ target_EOTActuatorMng_Per1_V	ehicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	0.000201416027	0.000201415998 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	400	400 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	572430069	572430069 ± 1	•
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	110470957	110470957 ± 1	
EOTActuatorMng OutputRampMultLtd M f32	0	0 ± 0.00390625	
EOTActuatorMng PrevEOTGain Uls M f32	0.266540527	0.266540527 ± 0.0625	•
EOTActuatorMng SESState Uls M enum	SES DISABLED	SES DISABLED	
		· · · - · · · · · · · · · · · · · · · · · · ·	

Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	✓
EOTDetermination	1	EOTDetermination	1	-
EOTOrigImpact	1	EOTOrigImpact	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_DetLmtPos	1	SES_DetLmtPos	1	✓
SES_CalcExitGain	1	SES_CalcExitGain	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_CalcEnterGain	1	SES_CalcEnterGain	1	-
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	✓
SES_CalcEOTGain	1	SES_CalcEOTGain	1	-
SES_FiltEOTGain	1	SES_FiltEOTGain	1	✓
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	-

0.000201416027

0.266540527

0.528002918

Test Step 2.64 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	8.10000038

Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached

 $Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached$

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0.000201415998 ± 0.00048828125

0.266540527 ± 0.0000390625

0.528002918 ± 0.00048828125

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAAOTO
Name	Input Value
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	456.540009
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	365072220
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-111736259
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.319999993
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.61500001
k_EOTDefltPosition_HwDeg_u12p4	8000
k_EOTDeltaTrqThrsh_HwNm_u9p7	768
<_EOTDynConf_Uls_u8p8	10240
<_EOTEnterLPFKn_Cnt_u16	799
<_EOTExitLPFKn_Cnt_u16	444
k_EOTImpSpdEn_Kph_u9p7	5760
<_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	290.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	8888
<_MaxRackTrvl_HwDeg_u12p4	7104
<pre><_MinRackTrvl_HwDeg_u12p4</pre>	15616
x_PosRampStep_HwDeg_u12p4	10816
x_SoftStopEOTEnable_Cnt_lgc	1
<_SpdlptScale_MtrNmpRadpS_u4p12	81
2_EOTEnterGainX_HwDeg_u12p4[0][0]	1440
2_EOTEnterGainX_HwDeg_u12p4[0][1]	1600
2_EOTEnterGainX_HwDeg_u12p4[0][2]	1760
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1920
2_EOTEnterGainX_HwDeg_u12p4[1][0]	528
2_EOTEnterGainX_HwDeg_u12p4[1][1]	1568
2_EOTEnterGainX_HwDeg_u12p4[1][2]	1584
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1600
2_EOTEnterGainX_HwDeg_u12p4[2][0]	1168
2_EOTEnterGainX_HwDeg_u12p4[2][1]	3488
2_EOTEnterGainX_HwDeg_u12p4[2][2]	3504
2_EOTEnterGainX_HwDeg_u12p4[2][3]	3520
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1808
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5408
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5424
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5440
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	29
t2_EOTEnterGainY_Uls_u1p15[0][3]	288
t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	59
2_EOTEnterGainY_Uls_u1p15[1][3]	573
2_EOTEnterGainY_Uls_u1p15[2][0]	478
2_EOTEnterGainY_Uls_u1p15[2][1]	49
2_EOTEnterGainY_Uls_u1p15[2][2]	6
2_EOTEnterGainY_Uls_u1p15[2][3]	6
t2_EOTEnterGainY_Uls_u1p15[3][0]	1049
2_EOTEnterGainY_Uls_u1p15[3][1]	108
2_EOTEnterGainY_Uls_u1p15[3][2]	8
2_EOTEnterGainY_Uls_u1p15[3][3]	8
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	76
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	108
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	122
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	173
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	122
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	173
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	77
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	108
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	544
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1168
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	688
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1072
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	784
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	4064
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	448
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	592
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	1
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	109
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	259
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	183

EOTActuatorMng Per1

2015-06-29, 18:06:03+0530



Input Value t2 EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 102 452 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 713 t EOTDmpVspd Kph u9p7[0] 4224 t_EOTDmpVspd_Kph_u9p7[1] 12544 t EOTDmpVspd Kph u9p7[2] 12672 $t_EOTDmpVspd_Kph_u9p7[3]$ 12800 t_EOTEnterGainVspd_Kph_u9p7[0] 4224 t_EOTEnterGainVspd_Kph_u9p7[1] 12544 t_EOTEnterGainVspd_Kph_u9p7[2] 12672 t_EOTEnterGainVspd_Kph_u9p7[3] 12800 t_SpdlptTblXTbl_HwDeg_u12p4[0] 16 t_SpdlptTblXTbl_HwDeg_u12p4[1] 272 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 448 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] 592 t_TrqTableX_HwNm_u8p8[0] 512 t_TrqTableX_HwNm_u8p8[1] 1536 t_TrqTblY_Uls_u2p14[0] 66 655 t TrqTblY Uls u2p14[1] $target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value$ -666.450012 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value 0 $target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value$ 777.539978 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 0 $target_EOTActuatorMng_Per1_EOTD is able_Cnt_lgc.value$ target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.449999988 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -600.039978 $target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value$ -5 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value -0.400000006 $target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value$ target EOTActuatorMng Per1 VehicleSpeed Kph f32.value 15.04 target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_ target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls target EOTActuatorMng Per1 AssistEOTGain Uls f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr1 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ \ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ \ t$ target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Ig(target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Uls_target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm f target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_VehicleSpeed_Kph_! target_EOTActuatorMng_Per1_VehicleSpeed_Kph_! target_EOTActuatorMng_Per1_VehicleSpeed$

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.51912022	7.51912022 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	456.540009	456.540009 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	360851902	360851902 ± 1	✓
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-85205579	-85205579 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	1	1 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.168029785	0.168029785 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.51912022	7.51912022 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.168029785	0.168029785 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~



Test Step 2.65 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	8.1999981
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	345.653992
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1997159793
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	93113549
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.20999993
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0.200000003
k_EOTDefltPosition_HwDeg_u12p4	9600
k_EOTDeltaTrqThrsh_HwNm_u9p7	640
k_EOTDynConf_Uls_u8p8	12800
k_EOTEnterLPFKn_Cnt_u16	600
k_EOTExitLPFKn_Cnt_u16	555
k_EOTImpSpdEn_Kph_u9p7	5888
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	390.440002
k_EOTStateHwTrqLPFKn_Cnt_u16	7777
k_MaxRackTrvl_HwDeg_u12p4	8880
k_MinRackTrvl_HwDeg_u12p4 k PosRampStep HwDeg_u12p4	14336 4096
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdlptScale_MtrNmpRadpS_u4p12	82
t2 EOTEnterGainX HwDeg u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	96
t2 EOTEnterGainX_nwbcg_u12p4[0][1]	160
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	544
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1616
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1632
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1648
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1184
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3536
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3552
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3568
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	1824
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	5456
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	5472
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	5488
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	39 383
t2_EOTEnterGainY_UIs_u1p15[0][3]	6
t2_EOTEnterGainY_Uls_u1p15[1][0] t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnerGainY_Uls_u1p15[1][2]	69
t2_EOTEnterGain1_ols_u1p15[1][2] t2_EOTEnterGain1_uls_u1p15[1][3]	668
t2 EOTEnterGainY Uls u1p15[2][0]	573
t2_EOTEnterGainY_Uls_u1p15[2][1]	59
t2_EOTEnterGainY_Uls_u1p15[2][2]	6
t2_EOTEnterGainY_Uls_u1p15[2][3]	7
t2_EOTEnterGainY_Uls_u1p15[3][0]	1144
t2_EOTEnterGainY_Uls_u1p15[3][1]	118
t2_EOTEnterGainY_Uls_u1p15[3][2]	8
t2_EOTEnterGainY_Uls_u1p15[3][3]	9
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	62
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	87
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	194
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	137
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	194
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	92
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	130
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	576
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	1184
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	704
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	1088 768
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	4080
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	464
=_== Jobopomp ronz_rmbog_u rzp+[J][J]	iv.

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	608		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	87		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	937		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	280		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	198		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	122		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	173		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	103		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	728		
t_EOTDmpVspd_Kph_u9p7[0]	4352		
t_EOTDmpVspd_Kph_u9p7[1]	12928		
t_EOTDmpVspd_Kph_u9p7[2]	13056		
t_EOTDmpVspd_Kph_u9p7[3]	13184		
t_EOTEnterGainVspd_Kph_u9p7[0]	4352		
t_EOTEnterGainVspd_Kph_u9p7[1]	12928		
t_EOTEnterGainVspd_Kph_u9p7[2]	13056		
t_EOTEnterGainVspd_Kph_u9p7[3]	13184		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	464		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	608		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	82		
t_TrqTblY_Uls_u2p14[1]	819		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-665.140015		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	750.14502		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.829999983		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	600.070007		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.5		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.541000009		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	16.0499992		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	amping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_ApATORMng_ApA$	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1000000000000000000000000000000000000$	target_EOTActuatorMng_Per1_AssistEOTLi	mit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_0	Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32	target_EOTActuatorMng_Per1_CwEOT_Hw	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_C	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_lgarget_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_InstAp_$	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng$	target_EOTActuatorMng_Per1_HandWheelA	Auth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	trRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	7.41911983	7.41911983 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	600	600 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1979105193	1979105193 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	92024769	92024769 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.541000009	0.541000009 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.921569824	0.921569824 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	7.41911983	7.41911983 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.921569824	0.921569824 ± 0.0000390625	~
torget EOTActuatorMag Bord AssistEOTI imit MtrNm f22 value	0.670566641	0.670666641 + 0.00049939136	

0.570556641

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0.570556641 ± 0.00048828125



Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 2.66 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167772160
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0
k EOTDefltPosition HwDeg u12p4	0
k_EOTDeltaTrqThrsh_HwNm_u9p7	0
k_EOTDynConf_Uls_u8p8	0
k EOTEnterLPFKn Cnt u16	82
k_EOTExitLPFKn_Cnt_u16	82
k_EOTImpSpdEn_Kph_u9p7	0
k EOTOriginalImpactandSoftEnd Cnt Igc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0
k_EOTStateHwTrqLPFKn_Cnt_u16	82
k MaxRackTrvl HwDeg u12p4	0
k_MinRackTrvl_HwDeg_u12p4	0
k_PosRampStep_HwDeg_u12p4	0
k_SoftStopEOTEnable_Cnt_lgc	0
k_SpdIptScale_MtrNmpRadpS_u4p12	0
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	0
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	0
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	0
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	0
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	0
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	0
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	0
t2_EOTEnterGainY_Uls_u1p15[0][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	0
t2_EOTEnterGainY_Uls_u1p15[0][2]	0
t2_EOTEnterGainY_Uls_u1p15[0][3]	0
t2_EOTEnterGainY_Uls_u1p15[1][0]	0
t2_EOTEnterGainY_Uls_u1p15[1][1]	0
t2_EOTEnterGainY_Uls_u1p15[1][2]	0
t2_EOTEnterGainY_Uls_u1p15[1][3]	0
t2_EOTEnterGainY_Uls_u1p15[2][0]	0
t2_EOTEnterGainY_Uls_u1p15[2][1]	0
t2_EOTEnterGainY_Uls_u1p15[2][2]	0
t2_EOTEnterGainY_Uls_u1p15[2][3]	0

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EOTACIDACIONING_PETT			TOLOTO
Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][0]	0		
t2_EOTEnterGainY_Uls_u1p15[3][1]	0		
t2_EOTEnterGainY_Uls_u1p15[3][2]	0		
t2_EOTEnterGainY_Uls_u1p15[3][3]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0		
t2_EOTPosDepDmpTbIX_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		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	0		
	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	0		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]			
t_EOTDmpVspd_Kph_u9p7[2]	0		
t_EOTDmpVspd_Kph_u9p7[3]	0		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	0		
t_EOTEnterGainVspd_Kph_u9p7[2]	0		
t_EOTEnterGainVspd_Kph_u9p7[3]	0		
t_SpdIptTblXTbl_HwDeg_u12p4[0]	0		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	0		
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	0		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	0		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	0		
t_TrqTbIY_UIs_u2p14[0]	0		
t_TrqTblY_Uls_u2p14[1]	0		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-1440.10999		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0		
target EOTActuatorMng Per1 HandWheelPos HwDeg f32.value	-1440.10999		
target EOTActuatorMng Per1 HwTorque HwNm f32.value	-10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-1350		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	0		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	•	amping MtrNm f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UI			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mi			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLiffit_Mittarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_	_ · - ·		
target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_CcwEOT_HwDeg_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_CcwEOT_HwDeg_			
·			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_fc			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_li			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_U			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadp			
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtrainer(Approximately approximately approxi$			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Resu
EOTActuatorMng_Damping_MtrNm_M_f32	-20.5	-20.5 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	0	0 ± 0.0000390625	
EOTActuatorMng FiltEOTGainSV HwNm M u1p31	130777088	130777088 ± 1	

130777088

130777088 ± 1

2015-06-29, 18:06:03+0530



Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167352320	-167352320 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0	0 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0	0 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	✓
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	✓

T →					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~	
EOTDetermination	1	EOTDetermination	1	•	
EOTOrigImpact	1	EOTOrigImpact	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
SES_DetLmtPos	1	SES_DetLmtPos	1	~	
SES_CalcExitGain	1	SES_CalcExitGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓	
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~	
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•	
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~	
SES_StateCtrl	1	SES_StateCtrl	1	~	
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~	

Name	Input Value
	20.5
EOTActuatorMng_Damping_MtrNm_M_f32	1440.10999
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648
EOTActuatorMng_FiltEOTGainSv_HwNm_M_uTp31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160
EOTActuatorMng PrevEOTGain Uls M f32	1
EOTActuatorMng_SESState_Uls_M_enum	SES EXITING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
★ EOTActiveRegionBypassMaxThresh Uls f32	1
C_EOTActiveRegionBypassiviaXTITiesT_Ois_i32	13104
CEOTDeliteTrqThrsh HwNm u9p7	1280
_ , ,	65535
C_EOTDynConf_Uls_u8p8	30573
<pre><_EOTEnterLPFKn_Cnt_u16</pre>	
<_EOTExitLPFKn_Cnt_u16	30573
<_EOTImpSpdEn_Kph_u9p7 <_EOTOriginallympsetendSpdEnd_Cpt_lgs	32640 1
C_EOTOriginalImpactandSoftEnd_Cnt_lgc C_EOTDecDecDecDecTinelSlavy Methods 5, 1623	1 1200
<_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	
<_EOTStateHwTrqLPFKn_Cnt_u16	30573
<pre><_MaxRackTrvl_HwDeg_u12p4</pre>	23040
<pre> «_MinRackTrvl_HwDeg_u12p4 </pre>	23040
<pre>c_PosRampStep_HwDeg_u12p4</pre>	13104
x_SoftStopEOTEnable_Cnt_lgc	1
<pre>c_SpdlptScale_MtrNmpRadpS_u4p12</pre>	1024
2_EOTEnterGainX_HwDeg_u12p4[0][0]	14400
2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400
2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400
2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400
2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400
2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400
2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400
2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400
2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400
2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400
2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400
2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400
2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400
2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400
2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400
2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400
2_EOTEnterGainY_Uls_u1p15[0][0]	32768
2_EOTEnterGainY_Uls_u1p15[0][1]	32768
2_EOTEnterGainY_Uls_u1p15[0][2]	32768
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
t2_EOTEnterGainY_Uls_u1p15[1][0]	32768
t2_EOTEnterGainY_Uls_u1p15[1][1]	32768

2015-06-29, 18:06:03+0530



Nama	Innuid Value
Name t2_EOTEnterGainY_Uls_u1p15[1][2]	Input Value 32768
t2_EOTEnterGainY_Uis_u1p15[1][2] t2_EOTEnterGainY_Uis_u1p15[1][3]	32768
t2_EOTEnterGainY_Uls_u1p15[2][0]	32768
t2_EOTEnterGainY_Uls_u1p15[2][1]	32768
t2_EOTEnterGainY_Uls_u1p15[2][2]	32768
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768
t2_EOTEnterGainY_Uls_u1p15[3][0]	32768
t2_EOTEnterGainY_Uls_u1p15[3][1]	32768
t2_EOTEnterGainY_Uls_u1p15[3][2]	32768
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983 983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983
t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	5760
t2 EOTPosDepDmpTbIX HwDeg u12p4[3][0]	5760
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983
t_EOTDmpVspd_Kph_u9p7[0]	32640
t_EOTDmpVspd_Kph_u9p7[1]	32640
t_EOTDmpVspd_Kph_u9p7[2]	32640
t_EOTDmpVspd_Kph_u9p7[3]	32640 32640
t_EOTEnterGainVspd_Kph_u9p7[0] t_EOTEnterGainVspd_Kph_u9p7[1]	32640
t EOTEnterGainVspd Kph u9p7[2]	32640
t_EOTEnterGainVspd_Kph_u9p7[3]	32640
t_SpdlptTblXTbl_HwDeg_u12p4[0]	2880
t_SpdlptTblXTbl_HwDeg_u12p4[1]	2880
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	65520
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	65520
t_TrqTableX_HwNm_u8p8[0]	2560
t_TrqTableX_HwNm_u8p8[1]	2560
t_TrqTblY_Uls_u2p14[0]	16384
t_TrqTblY_Uls_u2p14[1]	16384
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1440.10999
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	1440.10999
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	1350
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	1 511.992188
target_EOTActuatorMng_Per1_verlicleSpeed_Kpri_is2.value target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls	
	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32
	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_UIs_f32
	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_UIs_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ equivalent target_Rte_Inst_Ap_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ equivalent target_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_EOTActuatorMng_Per1_Ap_EOTActuatorMng_Rte_Inst_Ap_$	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_UIs_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ equivalent target_Rte_Inst_Ap_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ equivalent target_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_EOTActuatorMng_Per1_Ap_EOTActuatorMng_Rte_Inst_Ap_$	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrl target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng_Per1_EOTActuator	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igctarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_U	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_	target_EOTActuatorMng_Per1_OutputRample	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	20.249176	20.249176 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999 ± 0.0000390625	•
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	2147483648 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160	167772160 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	1	1 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~	
EOTDetermination	1	EOTDetermination	1	~	
SES_DetLmtPos	1	SES_DetLmtPos	1	~	
SES_CalcExitGain	1	SES_CalcExitGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~	
SES_FiltEOTGain	1	SES_FiltEOTGain	1	•	
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~	
SES_StateCtrl	1	SES_StateCtrl	1	~	
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~	

Test Case 3: Path Test

Specification

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

TS3.1 1880 cvcles TS3.1 1880 cycles TS3.2 1880 cycles TS3.3 1880 cycles TS3.4 1880 cycles TS3.5 1157 cycles TS3.6 1873 cycles TS3.7 1892 cycles TS3.8 1892 cycles TS3.9 1875 cycles

Description Vector Description

TS3.1"if((EOTDet_Cnt_T_lgc == TRUE)=>FALSE || (TRUE == EOTDisable_Cnt_T_lgc))=>FALSE, if(SESState_Uls_M_enum == SES_DISABLED)=>FALSE||
TS3.2if((EOTDet_Cnt_T_lgc == TRUE)=>FALSE || (TRUE == EOTDisable_Cnt_T_lgc))=>TRUE
TS3.3if((EOTDet_Cnt_T_lgc == TRUE) || (TRUE == EOTDisable_Cnt_T_lgc))=>TRUE
TS3.4(AssistEOTLimit_MtrNm_T_f32 <= 0)=>TRUE
TS3.5"if(SESState_Uls_M_enum == SES_DISABLED)=>TRUE, (AssistEOTGain_Uls_T_f32 >= 1)=>TRUE"
TS3.6(AssistEOTDamping_MtrNm_T_f32 >= 8.8)=>TRUE
TS3.7(AssistEOTDamping_MtrNm_T_f32 <= -8.8)=>TRUE
TS3.8(AssistEOTDamping_MtrNm_T_f32 <= 0)=>TRUE
TS3.9AssistEOTDamping_MtrNm_T_f32 = Limit_m(AssistEOTDamping_MtrNm_T_f32, D_EOTDAMPLOLMT_MTRNM_F32, D_EOTDAMPHILMT_MTRNM_F32)=>TRUE

Test Step 3.1 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1009317315	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0	
k_EOTDefltPosition_HwDeg_u12p4	3200	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	
k_EOTDynConf_Uls_u8p8	205	
k_EOTEnterLPFKn_Cnt_u16	6544	
k_EOTExitLPFKn_Cnt_u16	111	
k EOTImpSpdEn Kph u9p7	5376	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	MAC	1000
Name	Input Value	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	0	
<_EOTStateHwTrqLPFKn_Cnt_u16	3754	
c_MaxRackTrvl_HwDeg_u12p4	1776	
k_MinRackTrvI_HwDeg_u12p4	14400	
k_PosRampStep_HwDeg_u12p4	10848	
k_SoftStopEOTEnable_Cnt_lgc	0	
<_SpdlptScale_MtrNmpRadpS_u4p12	80	
2_EOTEnterGainX_HwDeg_u12p4[0][0]	0	
2_EOTEnterGainX_HwDeg_u12p4[0][1]	480	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	960	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440	
2_EOTEnterGainX_HwDeg_u12p4[1][0]	0	
2_EOTEnterGainX_HwDeg_u12p4[1][1]	480	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	960	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	0	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	480	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	960	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	0	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	480	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	960	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440	
2_EOTEnterGainY_Uls_u1p15[0][0]	0	
2_EOTEnterGainY_Uls_u1p15[0][1]	10813	
2_EOTEnterGainY_Uls_u1p15[0][2]	21627	
2_EOTEnterGainY_Uls_u1p15[0][3]	32768	
2_EOTEnterGainY_Uls_u1p15[1][0]	0	
2_EOTEnterGainY_Uls_u1p15[1][1]	10813	
2_EOTEnterGainY_Uls_u1p15[1][2]	21627	
12_EOTEnterGainY_Uls_u1p15[1][3]	32768	
2_EOTEnterGainY_Uls_u1p15[2][0]	0	
I2_EOTEnterGainY_Uls_u1p15[2][1]	10813	
t2_EOTEnterGainY_Uls_u1p15[2][2]	21627	
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768	
t2_EOTEnterGainY_Uls_u1p15[3][0]	0	
t2_EOTEnterGainY_Uls_u1p15[3][1]	10813	
t2_EOTEnterGainY_Uls_u1p15[3][2]	21627	
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	94 160	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]		
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224	
12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0]	320	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	320	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0]	0	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320	
2_EOTPOSDepDinpTblX_HwDeg_u12p4[2][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	320	
2_EOTPOSDepDinpTblX_Hwbeg_u12p4[3][1] 2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][0]	0	
2_EOTPosDepDrinpTblY_MtrNmpRadpS_u0p16[0][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128	
2_EOTPosDepDripTblT_mtiNmpRadpS_u0p16[0][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448	
_EOTDmpVspd_Kph_u9p7[0]	0	
_EOTDmpVspd_Kph_u9p7[1]	640	
	1280	
_EOTDmpVspd_Kph_u9p7[2]	2560	
_EOTDmpVspd_Kph_u9p7[3]	0	
:_EOTEnterGainVspd_Kph_u9p7[0]	640	
:_EOTEnterGainVspd_Kph_u9p7[1]	1280	
EEOTEnterGainVspd_Kph_u9p7[2]	2816	
t_EOTEnterGainVspd_Kph_u9p7[3]		

2015-06-29, 18:06:03+0530



Name	Input Value		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	800		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	288		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
t_TrqTableX_HwNm_u8p8[0]	2304		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTblY_Uls_u2p14[0]	16		
t_TrqTblY_Uls_u2p14[1]	163		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.779999971		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	800		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.100000001		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.593999982		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	target_EOTActuatorMng_Per1_AssistEOTDa	mping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Ap_Ap_EOTActuatorMng_Ap_EOTActuatorMng_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_$	target_EOTActuatorMng_Per1_AssistEOTGa	nin_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3$	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32000000000000000000000000000000000000$	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgenerate and the property of the prope$	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuat$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_HwleelPos_HwleelPos$	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fr$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpSpace{20mm}{${}_{-}$} eq:local_control_$	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Pe$	target EOTActuatorMng Per1 OutputPampl	MultLtd Uls f32	
	target_LOTActuatoriving_Feri_Outputivampi		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSpeed_Kph_Repr1_VehicleSp$	· - · · ·		

Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1122973507	1122973507 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	13007215	13007215 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.593999982	0.593999982 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.522918701	0.522918701 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.522918701	0.522918701 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0.349609375	0.349609375 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	-
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
Rte Call EOTActuatorMng Per1 CP1 ChecknointReached	1	Rte Call EOTActuatorMng Per1 CP1 ChecknointReached	1	_

Test Step 3.2 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	-6.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	678	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	794568950	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-148981678	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.540000021	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	MOAN
Name	Input Value
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0
k_EOTDefltPosition_HwDeg_u12p4	4800
k_EOTDeltaTrqThrsh_HwNm_u9p7	1024
k_EOTDynConf_Uls_u8p8	205
k_EOTEnterLPFKn_Cnt_u16	3643
k_EOTExitLPFKn_Cnt_u16	222
k_EOTImpSpdEn_Kph_u9p7	5504
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	20.2399998
k_EOTStateHwTrqLPFKn_Cnt_u16	2436
k_MaxRackTrvl_HwDeg_u12p4	3552
k_MinRackTrvl_HwDeg_u12p4	15456
k_PosRampStep_HwDeg_u12p4	2016
k_SoftStopEOTEnable_Cnt_lgc	1
<pre>c_SpdIptScale_MtrNmpRadpS_u4p12</pre>	80
2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
2 EOTEnterGainX_nwbeg_u12p4[1][0]	0
t2_EOTETiterGainX_TwDeg_u12p4[1][0] t2_EOTEtiterGainX_HwDeg_u12p4[1][1]	480
t2_EOTEItierGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2]	960
t2_EOTEItterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440
	0
12_EOTEnterGainX_HwDeg_u12p4[2][0]	480
2_EOTEnterGainX_HwDeg_u12p4[2][1]	960
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960
2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440
2_EOTEnterGainY_Uls_u1p15[0][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
t2_EOTEnterGainY_Uls_u1p15[1][0]	0
t2_EOTEnterGainY_Uls_u1p15[1][1]	10813
t2_EOTEnterGainY_Uls_u1p15[1][2]	21627
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768
t2_EOTEnterGainY_Uls_u1p15[2][0]	0
t2_EOTEnterGainY_Uls_u1p15[2][1]	10813
t2_EOTEnterGainY_Uls_u1p15[2][2]	21627
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768
12_EOTEnterGainY_Uls_u1p15[3][0]	0
12_EOTEnterGainY_Uls_u1p15[3][1]	10813
12 EOTEnterGainY Uls u1p15[3][2]	21627
2 EOTEnterGainY Uls u1p15[3][3]	32768
:2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31
2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][1]	94
2_EOTEXPOSDEPDINFTSHT_withNipRadps_u0p16[2][1] 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160
2_EOTEXPOSDEPDITIPTOIT_MitNiTipRadps_u0p16[3][0] 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224
	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	320
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	
2_EOTPosDopDmpTblX_HwDog_u12p4[1][1]	320
2_EOTPosDopDopThIX_HwDog_u12p4[2][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320
2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	320
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448
	0

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1

EUTActuatorMng_Per1			MACICAL
Name	Input Value		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t EOTDmpVspd Kph u9p7[2]	1280		
t EOTDmpVspd Kph u9p7[3]	2560		
t EOTEnterGainVspd Kph u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t EOTEnterGainVspd Kph u9p7[2]	1280		
t EOTEnterGainVspd Kph u9p7[3]	2944		
t_SpdIptTbIXTbl_HwDeg_u12p4[0]	400		
t_SpdIptTbIXTbl_HwDeg_u12p4[1]	816		
t SpdlptTblYTbl MtrRadpS u12p4[0]	304		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	976		
t_TrqTableX_HwNm_u8p8[0]	2048		
t_TrqTableX_HwNm_u8p8[1]	2304		
t TrgTblY Uls u2p14[0]	32		
t TrqTbIY Uls u2p14[1]	327		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-777		
target EOTActuatorMng Per1 CcwFound Cnt Igc.value	0		
target EOTActuatorMng Per1 CwEOT HwDeg f32.value	855		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.670000017		
target EOTActuatorMng Per1 HandWheelPos HwDeg f32.value	-760		
target EOTActuatorMng Per1 HwTorque HwNm f32.value	10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.200000003		
target EOTActuatorMng Per1 OutputRampMultLtd Uls f32.value	0.165000007		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	20		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_			
	it Mtr1 target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	3		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc	target_EOTActuatorMng_Per1_CcwFound_0		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Igc	target EOTActuatorMng Per1 CwFound Ci		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo	3		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl HwTorque HwNm f	, _ ,		
target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_mvTorque_mvViii_i.		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target EOTActuatorMng Per1 VehicleSpee		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-6.75952005	-6.75952005 ± 0.0000390625	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	678	678 ± 0.0000390625	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	869775042	869775042 ± 1	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-149678374	-149678374 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.165000007	0.165000007 ± 0.00390625	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.404998779	0.404998779 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-6.75952005	-6.75952005 ± 0.0004882812	5

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

0.404998779

8.80000019

0.404998779 ± 0.0000390625

8.80000019 ± 0.00048828125

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$



Page Communication Designing Bethin ID 12 4,0000159	Test Step 3.3 (Repeat Count = 1)	-
EOTALASIANDR _ DEPTION AND TO SERVED		Input Value
FOOTAmentoder_FOOTamesty Months, May 1924 26195524		·
EOTA-austoring_EHM*TragN_LAPAN_LAP		
EOTAculatorMag_Pen-EOTGan_US_M_122 055000012	EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	966367642
FOTALMANDERSESSEE_UR_M_mem FOTALMANDERSESSEE_UR_M_mem REDITABLE December Decem	EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-25165824
Re. Inst. Ap. EOTAchasborhing Suppl. Re. Inst. Ap. EOTAchasborhing		0.550000012
R. FOTOREPORT PRINCE MATERIA 1988 R. FOTOREPORT MARCH MARCH MATERIA 1987 R. FOTOREPORT MARCH		
ECTOREINSTRUM. JAMPA 1997 1984 ECTOROSTRUM. JAMPA 1997 1984 ECTOROSTRUM. JAMPA 1997 1984 ECTOROSTRUM. JAMPA 1997 1996 ECTOROSTRUM. JAMPA 1997 1997		
K.POTTMC-CATL, U.B., U		
R.COTICHE PRO_COL_116		
K.B.OTINSpacetin Kni. MoP South Kni.		
K. EOTOriginalinpactanosteri	k_EOTExitLPFKn_Cnt_u16	3564
E. EDTS-elsephotem-Final Service Methinsps	k_EOTImpSpdEn_Kph_u9p7	8064
K_BOTSAIRHANTQ FFKN_CD_U159 100	k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
K_MinRackTrd_Hubbeg_u12p4		
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t2_EOTEnterGainY_Uls_u1p15[3][2] 21627 t2_EOTEnterGainY_Uls_u1p15[3][3] 32768 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] 256 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 154 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 512 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 31 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 94 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 0		
12_EOTEnterGainY_Uls_u1p15[3][3] 32768 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 256 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 154 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 512 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 31 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 94 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 256 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 154 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 512 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 31 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[0][1] 256 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 154 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 512 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 31 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 94 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 160 12_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3][1] 224 12_EOTPOSDepDmpTbIX_HwDeg_u12p4[0][0] 0 12_EOTPOSDepDmpTbIX_HwDeg_u12p4[0][1] 320 12_EOTPOSDepDmpTbIX_HwDeg_u12p4[1][0] 0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 154 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 512 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 31 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 512 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 31 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 94 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 160 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0	t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 224 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 0 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 320		320
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 0	t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0

2015-06-29, 18:06:03+0530



Name	Input Value		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2 EOTPosDepDmpTblY MtrNmpRadpS_u0p16[2][0]	31		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	0		
t_EOTDmpVspd_Kph_u9p7[0]			
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	5504		
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdlptTblXTbl_HwDeg_u12p4[1]	1136		
t_SpdIptTblYTbl_MtrRadpS_u12p4[0]	624		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
t_TrqTableX_HwNm_u8p8[0]	2304		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTblY_Uls_u2p14[0]	49		
t_TrqTblY_Uls_u2p14[1]	491		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-111		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	888		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	3.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.00300000003		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.129999995		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	24		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$	ping_ target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Ulerstand (State 1) and (State 2) and (State 2) are also also also also also also also also$	target_EOTActuatorMng_Per1_AssistEOT0	Gain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtarget_Rte_Inst_Ap_EOTActuatorMng.$	rt target_EOTActuatorMng_Per1_AssistEOTL	.imit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_	3 target_EOTActuatorMng_Per1_CcwEOT_F	wDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igo	target_EOTActuatorMng_Per1_CcwFound_	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CwEOT_H	vDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_0	Cnt Igc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig	target EOTActuatorMng Per1 EOTDisable	e Cnt Igc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth U			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hv	3 - 3		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadp		_	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLt			
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	92 2 1		
Name	Actual Value	Expected Value	Resu
EOTActuatorMng_Damping_MtrNm_M_f32	-4.73878002	-4.73878002 ± 0.0000390625	Nesu
EOTActuatorMng_Damping_MtrNm_w_is2 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	780	780 ± 0.0000390625	
· · · · · · · · · · · · · · · · · · ·		780 ± 0.0000390625 1028655130 ± 1	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1028655130		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-25037824	-25037824 ± 1	
EOTActuatorMng_OutputRampMultLtd_M_f32	0.129999995	0.129999995 ± 0.00390625	•
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.479003906	0.479003906 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	SES_NORMAL	•
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-4.73878002	-4.73878002 ± 0.00048828125	•
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.479003906	0.479003906 ± 0.0000390625	
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	





T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	2	IntplVarXY_u16_u16Xu16Y_Cnt	2	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	-2.79999995
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	567
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	493921239
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-150994944
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.330000013
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
<_EOTActiveRegionBypassMaxThresh_Uls_f32	0
x_EOTDefltPosition_HwDeg_u12p4	12624
k_EOTDeltaTrqThrsh_HwNm_u9p7	512
x_EOTDynConf_Uls_u8p8	205
c_EOTEnterLPFKn_Cnt_u16	1000
c_EOTExitLPFKn_Cnt_u16	7567
k_EOTImpSpdEn_Kph_u9p7	8320
c_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
<_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	46.6599998
k_EOTStateHwTrqLPFKn_Cnt_u16	300
<_MaxRackTrvl_HwDeg_u12p4	2240
<_MinRackTrvl_HwDeg_u12p4	17760
<pre><_PosRampStep_HwDeg_u12p4</pre>	7296
<_SoftStopEOTEnable_Cnt_lgc	1
_SpdlptScale_MtrNmpRadpS_u4p12	89
2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[1][0]	0
2_EOTEnterGainX_HwDeg_u12p4[1][1]	480
2_EOTEnterGainX_HwDeg_u12p4[1][2]	960
2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[2][0]	0
2_EOTEnterGainX_HwDeg_u12p4[2][1]	480
2_EOTEnterGainX_HwDeg_u12p4[2][2]	960
2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440
2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
2_EOTEnterGainX_HwDeg_u12p4[3][1]	480
2_EOTEnterGainX_HwDeg_u12p4[3][2]	960
2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440
2_EOTEnterGainY_Uls_u1p15[0][0]	0
2_EOTEnterGainY_Uls_u1p15[0][1]	10813
2_EOTEnterGainY_Uls_u1p15[0][2]	21627
2_EOTEnterGainY_Uis_u1p15[0][2] 2_EOTEnterGainY_Uis_u1p15[0][3]	32768
2_EOTEInerGain1_0is_u1p15[0][0] 2_EOTEnterGainY_Uls_u1p15[1][0]	0
2_EOTEItterGainY_Uls_u1p15[1][0]	10813
2_EOTEItierGainT_Dis_u1p15[1][1] 2_EOTEItierGainY_Uls_u1p15[1][2]	21627
2_EOTEnterGainY_Uis_u1p15[1][2] 2_EOTEnterGainY_Uis_u1p15[1][3]	32768
	0
2_EOTEnterGainY_Uls_u1p15[2][0]	
t2_EOTEnterGainY_Uls_u1p15[2][1]	10813
t2_EOTEnterGainY_Uls_u1p15[2][2]	21627
2_EOTEnterGainY_Uls_u1p15[2][3]	32768
2_EOTEnterGainY_Uls_u1p15[3][0]	0

2015-06-29, 18:06:03+0530





Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10813		
t2_EOTEnterGainY_Uls_u1p15[3][2]	21627		
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0		
	256		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]			
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	94		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160		
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0		
t2 EOTPosDepDmpTblX HwDeg u12p4[0][1]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0]	0		
	320		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]			
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320		
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0]	0		
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	320		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128		
t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[1][0]	146		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93		
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448		
t_EOTDmpVspd_Kph_u9p7[0]	0		
t_EOTDmpVspd_Kph_u9p7[1]	640		
t_EOTDmpVspd_Kph_u9p7[2]	1280		
t_EOTDmpVspd_Kph_u9p7[3]	2560		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t EOTEnterGainVspd Kph u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
	5760		
t_EOTEnterGainVspd_Kph_u9p7[3]			
t_SpdlptTblXTbl_HwDeg_u12p4[0]	400		
t_SpdIptTbIXTbl_HwDeg_u12p4[1]	1168		
t_SpdIptTbIYTbI_MtrRadpS_u12p4[0]	656		
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960		
t_TrqTableX_HwNm_u8p8[0]	1792		
t_TrqTableX_HwNm_u8p8[1]	2048		
t TrqTblY Uls u2p14[0]	65		
t_TrqTblY_Uls_u2p14[1]	655		
target EOTActuatorMng Per1 CcwEOT HwDeg f32.value	-222		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	999		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.889999986		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	882		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	4.5		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-1118		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.358999997		
target EOTActuatorMng Per1 VehicleSpeed Kph f32.value	26		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping		mping MtrNm f32	
	· - · · ·		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3		·-	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$	target_EOTActuatorMng_Per1_CcwFound_C		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32	target_EOTActuatorMng_Per1_CwEOT_HwD	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng_Per1 HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl			
rget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f; target_EOTActuatorMng_Per1_HwTorque_HwNm_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS		_	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_	, <u> </u>		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	<u> </u>		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-2.70668006	-2.70668006 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	789 ± 0.0000390625	✓
FOTActuatorMng_FiltFOTGainSV_HwNm_M_u1n31	519153239	519153239 + 1	

519153239

-149958144

EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31

519153239 ± 1

-149958144 ± 1

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	

Name	Actual Value	Expected Value	Result
EOTActuatorMng_OutputRampMultLtd_M_f32	0.358999997	0.358999997 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.241729736	0.241729736 ± 0.0625	•
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	-2.70668006	-2.70668006 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.241729736	0.241729736 ± 0.0000390625	✓
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 3.5 (Repeat Count = 1) Name	Input Value
EOTActuatorMng Damping MtrNm M f32	-0.800000012
EOTActuatorMng EOTImpactPos HwDeg M f32	423
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	644245094
EOTActuatorMng FiltHWTrqSV HwNm M s7p24	33554432
EOTActuatorMng PrevEOTGain Uls M f32	0.5
EOTActuatorMng_SESState_Uls_M_enum	SES DISABLED
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k EOTActiveRegionBypassMaxThresh Uls f32	0
k EOTDefltPosition HwDeg u12p4	11120
k EOTDeltaTrqThrsh HwNm u9p7	256
k_EOTDynConf_Uls_u8p8	205
k EOTEnterLPFKn Cnt u16	7777
k EOTExitLPFKn Cnt u16	3658
k_EOTImpSpdEn_Kph_u9p7	4992
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	61.6599998
k_EOTStateHwTrqLPFKn_Cnt_u16	7337
k_MaxRackTrvl_HwDeg_u12p4	2496
k_MinRackTrvl_HwDeg_u12p4	8544
k_PosRampStep_HwDeg_u12p4	736
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdIptScale_MtrNmpRadpS_u4p12	93
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440
t2_EOTEnterGainY_Uls_u1p15[0][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
t2_EOTEnterGainY_Uls_u1p15[1][0]	0

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAACILAL
Name	Input Value
t2_EOTEnterGainY_Uls_u1p15[1][1]	10813
t2_EOTEnterGainY_Uls_u1p15[1][2]	21627
2_EOTEnterGainY_Uls_u1p15[1][3]	32768
2_EOTEnterGainY_Uls_u1p15[2][0]	0
2_EOTEnterGainY_Uls_u1p15[2][1]	10813
2_EOTEnterGainY_Uls_u1p15[2][2]	21627
I2_EOTEnterGainY_Uls_u1p15[2][3]	32768
2_EOTEnterGainY_Uls_u1p15[3][0]	0
2_EOTEnterGainY_UIs_u1p15[3][1]	10813
2_EOTEnterGainY_UIs_u1p15[3][2]	21627
2_EOTEnterGainY_UIs_u1p15[3][3]	32768 0
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512
2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1]	94
2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0]	160
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	320
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	320
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93 448
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] t_EOTDmpVspd_Kph_u9p7[0]	0
t_EOTDmpVspd_Kph_u9p7[1]	640
t_EOTDmpVspd_Kph_u9p7[2]	1280
t_EOTDmpVspd_Kph_u9p7[3]	2560
t EOTEnterGainVspd Kph u9p7[0]	0
t EOTEnterGainVspd Kph u9p7[1]	640
t_EOTEnterGainVspd_Kph_u9p7[2]	1280
_EOTEnterGainVspd_Kph_u9p7[3]	7808
:_SpdlptTblXTbl_HwDeg_u12p4[0]	400
:_SpdlptTblXTbl_HwDeg_u12p4[1]	1312
_SpdIptTbIYTbl_MtrRadpS_u12p4[0]	848
:_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	960
TrqTableX_HwNm_u8p8[0]	768
t_TrqTableX_HwNm_u8p8[1]	1024
:_TrqTbIY_UIs_u2p14[0]	81
_TrqTblY_Uls_u2p14[1]	819
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-456
arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	565
arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.845000029 777
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0.550000012
arget_EOTActuatorMng_Per1_mw1orque_mwnm_isz.value arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-550
arget_EOTActuatorMng_Per1_MotorVer_MitRaupS_i32.value arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.254000008
arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	19
arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	, , , , , , , , , , , , , , , , , , , ,
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc	target_EOTActuatorMng_Per1_CwFound_Cnt_lgc
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igo	target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc
	I
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls	target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	-0.676680028	-0.676680028 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	423	423 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	735790652	735790652 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	30825068	30825068 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.254000008	0.254000008 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	0	0 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	•
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 3.6 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_Damping_MtrNm_M_f32	1.20000005
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0
k_EOTDefltPosition_HwDeg_u12p4	13104
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280
k_EOTDynConf_Uls_u8p8	65535
k_EOTEnterLPFKn_Cnt_u16	30573
k_EOTExitLPFKn_Cnt_u16	30573
k_EOTImpSpdEn_Kph_u9p7	32640
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	76.6600037
k_EOTStateHwTrqLPFKn_Cnt_u16	30573
k_MaxRackTrvl_HwDeg_u12p4	23040
k_MinRackTrvl_HwDeg_u12p4	23040
k_PosRampStep_HwDeg_u12p4	13104
k_SoftStopEOTEnable_Cnt_lgc	1
k_SpdlptScale_MtrNmpRadpS_u4p12	1024
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400
t2_EOTEnterGainY_Uls_u1p15[0][0]	32768

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAZOICAL
Name	Input Value
t2 EOTEnterGainY Uls u1p15[0][1]	32768
12_EOTEnterGainY_Uls_u1p15[0][2]	32768
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
2_EOTEnterGainY_Uls_u1p15[1][0]	32768
2_EOTEnterGainY_Uls_u1p15[1][1]	32768
12_EOTEnterGainY_Uls_u1p15[1][2]	32768
12_EOTEnterGainY_UIs_u1p15[1][3]	32768
12_EOTEnterGainY_Uls_u1p15[1][0]	32768
	32768
12_EOTEnterGainY_UIs_u1p15[2][1]	
t2_EOTEnterGainY_Uls_u1p15[2][2]	32768
12_EOTEnterGainY_Uls_u1p15[2][3]	32768
12_EOTEnterGainY_Uls_u1p15[3][0]	32768
2_EOTEnterGainY_Uls_u1p15[3][1]	32768
2_EOTEnterGainY_Uls_u1p15[3][2]	32768
2_EOTEnterGainY_Uls_u1p15[3][3]	32768
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760
2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1]	5760
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5760
	5760
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	983
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983
t_EOTDmpVspd_Kph_u9p7[0]	32640
t_EOTDmpVspd_Kph_u9p7[1]	32640
t EOTDmpVspd Kph u9p7[2]	32640
t_EOTDmpVspd_Kph_u9p7[3]	32640
EEOTEnterGainVspd_Kph_u9p7[0]	32640
_EOTEnterGainVspd_Kph_u9p7[1]	32640
_EOTEnterGainVspd_Kph_u9p7[2]	32640
EOTEnterGainVspd_Kph_u9p7[3]	32640
_SpdlptTblXTbl_HwDeg_u12p4[0]	2864
_SpdlptTblXTbl_HwDeg_u12p4[1]	2880
_SpdlptTblYTbl_MtrRadpS_u12p4[0]	13088
_SpdIptTbIYTbI_MtrRadpS_u12p4[1]	13104
_TrqTableX_HwNm_u8p8[0]	2560
_TrqTableX_HwNm_u8p8[1]	2560
_TrqTblY_Uls_u2p14[0]	16
_TrqTblY_Uls_u2p14[1]	98
arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0
arget EOTActuatorMng Per1 CcwFound Cnt Igc.value	1
arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1440.10999
arget EOTActuatorMng Per1 CwFound Cnt Igc.value	1
arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1
arget_EOTActuatorWing_Per1_EOTDisable_Cnt_igc.value arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1
arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	1440.10999
arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10
arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	1118
arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.063000001
arget EOTAstustorMag Bord VehicloSpeed Kab f22 value	511.992188
arget_EOTActuatoriving_FerT_verificleSpeed_Kpri_i52.value	target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32
	, , , , , , , , , , , , , , , , , , , ,
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32
arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32- target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32-	target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	target_EOTActuatorMng_Per1_MotorVel_Mtr	RadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMn$	target_EOTActuatorMng_Per1_OutputRampl	MultLtd_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph	target_EOTActuatorMng_Per1_VehicleSpeed	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	1.35332012	1.35332 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	2147483648 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160	167772160 ± 1	~
EOTActuatorMng_OutputRampMultLtd_M_f32	0.063000001	0.063000001 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	1.35332012	1.35332 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	1	1 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	•

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	•
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-
SES_StateCtrl	1	SES_StateCtrl	1	•
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	3.20000005	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	1009317315	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.649999976	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0	
k_EOTDefltPosition_HwDeg_u12p4	3200	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	
k_EOTDynConf_Uls_u8p8	205	
k_EOTEnterLPFKn_Cnt_u16	6544	
k_EOTExitLPFKn_Cnt_u16	111	
k_EOTImpSpdEn_Kph_u9p7	5376	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	0	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	91.6600037	
k_EOTStateHwTrqLPFKn_Cnt_u16	3754	
k_MaxRackTrvl_HwDeg_u12p4	1776	
k_MinRackTrvl_HwDeg_u12p4	14400	
k_PosRampStep_HwDeg_u12p4	10848	
k_SoftStopEOTEnable_Cnt_lgc	0	
k_SpdlptScale_MtrNmpRadpS_u4p12	80	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	960	

2015-06-29, 18:06:03+0530



Name	Input Value
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	480
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440
t2_EOTEnterGainY_INsbg_d1254[o][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627
t2 EOTEnterGainY Uls u1p15[0][3]	32768
	0
t2_EOTEnterGainY_Uls_u1p15[1][0]	
t2_EOTEnterGainY_Uls_u1p15[1][1]	10813
t2_EOTEnterGainY_Uls_u1p15[1][2]	21627
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768
t2_EOTEnterGainY_Uls_u1p15[2][0]	0
t2_EOTEnterGainY_Uls_u1p15[2][1]	10813
t2_EOTEnterGainY_Uls_u1p15[2][2]	21627
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768
t2_EOTEnterGainY_Uls_u1p15[3][0]	0
t2_EOTEnterGainY_Uls_u1p15[3][1]	10813
t2_EOTEnterGainY_Uls_u1p15[3][2]	21627
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	94
t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[3][0]	160
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224
t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	0
	320
t2_EOTPosDepDmpTblX_HwDog_u12p4[0][1]	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1]	320
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448
t_EOTDmpVspd_Kph_u9p7[0]	0
t_EOTDmpVspd_Kph_u9p7[1]	640
t_EOTDmpVspd_Kph_u9p7[2]	1280
t EOTDmpVspd Kph u9p7[3]	2560
t EOTEnterGainVspd Kph u9p7[0]	0
t_EOTEnterGainVspd_Kph_u9p7[1]	640
t_EOTEnterGainVspd_Kph_u9p7[2]	1280
t EOTEnterGainVspd Kph u9p7[3]	2816
t SpdlptTblXTbl HwDeg u12p4[0]	400
	800
t_SpdlptTblXTbl_HwDeg_u12p4[1]	
t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	288
t_SpdlptTblYTbl_MtrRadpS_u12p4[1]	960
t_TrqTableX_HwNm_u8p8[0]	2304
t_TrqTableX_HwNm_u8p8[1]	2560
t_TrqTblY_Uls_u2p14[0]	32
t_TrqTblY_Uls_u2p14[1]	114
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0
target EOTActuatorMng Per1 HandWheelAuth Uls f32.value	0.779999971
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-1440.10999
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	-10
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	-1118
	0.172000006
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	10
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_	target_EO+Actuatorwing_Per+_AssistEO+Damping_MtrNm_t32



Name	Input Value		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UIs_	target_EOTActuatorMng_Per1_AssistEOTGa	ain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1$	target_EOTActuatorMng_Per1_AssistEOTLin	nit_MtrNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3	target_EOTActuatorMng_Per1_CcwEOT_Hw	Deg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$	target_EOTActuatorMng_Per1_CcwFound_C	Cnt_lgc	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32	target_EOTActuatorMng_Per1_CwEOT_HwI	Deg_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc	target_EOTActuatorMng_Per1_CwFound_Cr	nt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igo	target_EOTActuatorMng_Per1_EOTDisable_	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl	target_EOTActuatorMng_Per1_HandWheelP	os_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$	target_EOTActuatorMng_Per1_HwTorque_H	wNm_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS	lpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Output$	Ltd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32		
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	st_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	3.01668	3.01668 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200 ± 0.0000390625	~
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	908539715	908539715 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	32227695	32227695 ± 1	•
EOTActuatorMng_OutputRampMultLtd_M_f32	0.172000006	0.172000006 ± 0.00390625	~
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0.423065186	0.423065186 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	3.01668	3.01668 ± 0.00048828125	~
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0.423065186	0.423065186 ± 0.0000390625	~
target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value	0	0 ± 0.00048828125	~

				~
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	~
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	✓

Test Step 3.8 (Repeat Count = 1)		
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	5.19999981	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	789	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23991419	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_UIs_f32	0	
k_EOTDefltPosition_HwDeg_u12p4	3200	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1152	
k_EOTDynConf_Uls_u8p8	205	
k_EOTEnterLPFKn_Cnt_u16	6544	
k_EOTExitLPFKn_Cnt_u16	111	
k_EOTImpSpdEn_Kph_u9p7	5376	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	106.660004	
k_EOTStateHwTrqLPFKn_Cnt_u16	3754	
k_MaxRackTrvl_HwDeg_u12p4	1776	
k_MinRackTrvl_HwDeg_u12p4	14400	
k_PosRampStep_HwDeg_u12p4	10848	
k_SoftStopEOTEnable_Cnt_lgc	0	
k_SpdlptScale_MtrNmpRadpS_u4p12	80	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960	

2015-06-29, 18:06:03+0530



EOTActuatorMng_Per1	TAZOIG	
Name	Input Value	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1440	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1440	
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0	
t2_EOTEnterGainX_HwDeg_u12p4[3][1] t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[3][2] t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440	
t2_EOTEItterGainY_1twDeg_u12p4[3][3] t2_EOTEnterGainY_Uls_u1p15[0][0]	0	
12_EOTEING/GainY_UIs_u1p15[0][1]	0	
t2_EOTEnterGainY_Uls_u1p15[0][2]	0	
12_EOTEnterGainY_Uls_u1p15[0][3]	0	
12_EOTEnterGainY_Uls_u1p15[1][0]	0	
12_EOTEnterGainY_Uls_u1p15[1][1]	0	
2_EOTEnterGainY_Uls_u1p15[1][2]	0	
2_EOTEnterGainY_Uls_u1p15[1][3]	0	
2_EOTEnterGainY_Uls_u1p15[2][0]	0	
2_EOTEnterGainY_Uls_u1p15[2][1]	0	
2_EOTEnterGainY_Uls_u1p15[2][2]	0	
2_EOTEnterGainY_Uls_u1p15[2][3]	0	
t2_EOTEnterGainY_Uls_u1p15[3][0]	0	
t2_EOTEnterGainY_Uls_u1p15[3][1]	0	
t2_EOTEnterGainY_Uls_u1p15[3][2]	0	
t2_EOTEnterGainY_Uls_u1p15[3][3]	0	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	0	
12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	256	
I2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	154	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	512	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	31 94	
t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	160	
t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	224	
t2 EOTPosDepDmpTbIX HwDeg u12p4[0][0]	0	
t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1]	320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1]	320	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	0	
t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	320	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	0	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	128	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	146	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	416	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	31	
12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	640	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	93	
t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	448	
ECTDmpVspd_Kph_u9p7[0]	0	
E_EOTDmpVspd_Kph_u9p7[1]	640	
t_EOTDmpVspd_Kph_u9p7[2]	1280	
t_EOTDmpVspd_Kph_u9p7[3]	2560	
:_EOTEnterGainVspd_Kph_u9p7[0] :_EOTEnterGainVspd_Kph_u9p7[1]	640	
t_EOTEnterGainVspd_kph_u9p7[1] t_EOTEnterGainVspd_kph_u9p7[2]	1280	
:_EOTEnterGainVspd_Kph_u9p7[3]	2816	
	400	
opdiptTblXTbl_HwDeg_u12p4[1]	800	
:_SpdIptTbIYTbl_MtrRadpS_u12p4[0]	288	
_SpdiptTblYTbl_MtrRadpS_u12p4[1]	960	
t_TrqTableX_HwNm_u8p8[0]	0	
t_TrqTableX_HwNm_u8p8[1]	0	
:_TrqTblY_Uls_u2p14[0]	49	
t_TrqTblY_Uls_u2p14[1]	131	
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	-888	
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1	
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	950	
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1	

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:06:03+0530



0.349609375 ± 0.00048828125

EOTActuatorMng_Per1

Name	Input Value		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	0		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	0.779999971		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	-1440.10999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	0		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	0.100000001		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.0590000004		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	10		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampings and the property of $	ng_ target_EOTActuatorMng_Per1_AssistEOT[Damping_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_United States and the property of the pr$	lls_ target_EOTActuatorMng_Per1_AssistEOT0	Gain_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Material (SCE) and the property of the $	htri target_EOTActuatorMng_Per1_AssistEOTL	.imit_MtrNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDegrams = 0.0000000000000000000000000000000000$	_f3 target_EOTActuatorMng_Per1_CcwEOT_F	lwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_C$	gc target_EOTActuatorMng_Per1_CcwFound_	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rer1_CwEOT_HwDeg_Rer1_CwEOT_Rer$	f32 target_EOTActuatorMng_Per1_CwEOT_Hv	vDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lg$	target_EOTActuatorMng_Per1_CwFound_0	Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_EOTAct$	lgc target_EOTActuatorMng_Per1_EOTDisable	e_Cnt_lgc	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth	Uls target_EOTActuatorMng_Per1_HandWhee	Auth_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H$	Hwl target_EOTActuatorMng_Per1_HandWhee	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNrderserververserververserververserververserverververververserververververververververververververve$	n_f: target_EOTActuatorMng_Per1_HwTorque_	HwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadeliteration and the property of the pro$	pS target_EOTActuatorMng_Per1_MotorVel_N	ltrRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultIndex and the property of the property o$	_td_ target_EOTActuatorMng_Per1_OutputRam	pMultLtd_Uls_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kpather and the property of the property $	h_ target_EOTActuatorMng_Per1_VehicleSpe	ed_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	4.98668003	4.98668003 ± 0.0000390625	✓
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	200	200 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	0	0 ± 1	✓
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	22617455	22617455 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.0590000004	0.0590000004 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	0	0 ± 0.0625	~
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~
target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value	4.98668003	4.98668003 ± 0.00048828125	✓
target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value	0	0 ± 0.0000390625	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	~
EOTOrigImpact	1	EOTOrigImpact	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	✓
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	✓
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte Call EOTActuatorMng Per1 CP1 CheckpointReached	1	-

0.349609375

Test Step 3.9 (Repeat Count = 1)		~
Name	Input Value	
EOTActuatorMng_Damping_MtrNm_M_f32	8.80000019	
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160	
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING	
Rte_Inst_Ap_EOTActuatorMng	target_Rte_Inst_Ap_EOTActuatorMng	
k_EOTActiveRegionBypassMaxThresh_Uls_f32	0	
k_EOTDefltPosition_HwDeg_u12p4	13104	
k_EOTDeltaTrqThrsh_HwNm_u9p7	1280	
k_EOTDynConf_Uls_u8p8	65535	
k_EOTEnterLPFKn_Cnt_u16	30573	
k_EOTExitLPFKn_Cnt_u16	30573	
k_EOTImpSpdEn_Kph_u9p7	32640	
k_EOTOriginalImpactandSoftEnd_Cnt_lgc	1	
k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32	1200	
k_EOTStateHwTrqLPFKn_Cnt_u16	30573	

2015-06-29, 18:06:03+0530



Name	Input Value	
Name k_MaxRackTrvl_HwDeg_u12p4	23040	
k_MinRackTrvI_HwDeg_u12p4	23040	
k_PosRampStep_HwDeg_u12p4	13104	
k_SoftStopEOTEnable_Cnt_lgc	1	
k_SpdlptScale_MtrNmpRadpS_u4p12	1024	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	14400	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400	
2_EOTEnterGainY_Uls_u1p15[0][0]	32768	
2_EOTEnterGainY_Uls_u1p15[0][1]	32768	
2_EOTEnterGainY_Uls_u1p15[0][2]	32768	
2_EOTEnterGainY_Uls_u1p15[0][3]	32768 32768	
2_EOTEnterGainY_Uls_u1p15[1][0] 2_EOTEnterGainY_Uls_u1p15[1][1]	32768	
2_EOTEINE/GainT_Uis_u1p15[1][1] 2_EOTEINE/GainT_Uis_u1p15[1][2]	32768	
2_EOTEItterGain1_0is_u1p15[1][2] 2_EOTEnterGainY_Uls_u1p15[1][3]	32768	
2_EOTEItterGainY_Uls_u1p15[1][0]	32768	
2_EOTEIticlOain1_0is_u1p15[2][0] 2_EOTEnterGainY_Uls_u1p15[2][1]	32768	
2_EOTEnterGainY_Uls_u1p15[2][2]	32768	
2_EOTEIticlOain1_0is_u1p15[2][2] 2_EOTEnterGainY_Uls_u1p15[2][3]	32768	
2_EOTEnterGainY_Uls_u1p15[3][0]	32768	
2_EOTEnterGainY_Uls_u1p15[3][1]	32768	
2_EOTEnterGainY_Uls_u1p15[3][2]	32768	
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0]	983	
2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1]	983	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]	5760	
2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]	5760	
2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1]	5760	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0]	983	
2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1]	983	
_EOTDmpVspd_Kph_u9p7[0]	32640	
_EOTDmpVspd_Kph_u9p7[1]	32640	
_EOTDmpVspd_Kph_u9p7[2]	32640	
_EOTDmpVspd_Kph_u9p7[3]	32640	
_EOTEnterGainVspd_Kph_u9p7[0]	32640	
_EOTEnterGainVspd_Kph_u9p7[1]	32640	
_EOTEnterGainVspd_Kph_u9p7[2]	32640 32640	
_EOTEnterGainVspd_Kph_u9p7[3] _SpdlptTblXTbl_HwDeg_u12p4[0]	2880	
_SpaiptTblXTbl_HwDeg_u12p4[0] :_SpaiptTblXTbl_HwDeg_u12p4[1]	2880	
t_SpdiptTblXTbl_mwDeg_u12p4[1] t_SpdlptTblYTbl_MtrRadpS_u12p4[0]	65520	
. Oparper pri i i pri i militaupo u 1204101	00020	

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8.80000019 ± 0.00048828125 1 ± 0.0000390625

8.80000019 ± 0.00048828125

EOTActuatorMng_Per1

LOTACIDATIONING_F ELL		, ,	
Name	Input Value		
t_TrqTableX_HwNm_u8p8[0]	2560		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTblY_Uls_u2p14[0]	16384		
t_TrqTblY_Uls_u2p14[1]	16384		
target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value	0		
target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value	1440.10999		
target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value	1		
target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value	1		
target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value	1440.10999		
target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value	10		
target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value	1350		
target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value	0.912999988		
target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value	511.992188		
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping	target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32		
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_ApACTuatorMng_$	target_EOTActuatorMng_Per1_AssistEOTG	ain_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32			
target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc			
target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc			
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Ign	target_EOTActuatorMng_Per1_EOTDisable	_Cnt_lgc	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$	target_EOTActuatorMng_Per1_HandWheelA	uth_Uls_f32	
target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hw	target_EOTActuatorMng_Per1_HandWheelF	Pos_HwDeg_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_f$	target_EOTActuatorMng_Per1_HwTorque_H	lwNm_f32	
$target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpStarget_Results and the property of th$	target_EOTActuatorMng_Per1_MotorVel_Mt	rRadpS_f32	
$target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$	target_EOTActuatorMng_Per1_OutputRamp	MultLtd_Uls_f32	
target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_	target_EOTActuatorMng_Per1_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
EOTActuatorMng_Damping_MtrNm_M_f32	11.2000008	11.1999998 ± 0.0000390625	~
EOTActuatorMng_EOTImpactPos_HwDeg_M_f32	1440.10999	1440.10999 ± 0.0000390625	✓
EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31	2147483648	2147483648 ± 1	~
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160	167772160 ± 1	✓
EOTActuatorMng_OutputRampMultLtd_M_f32	0.912999988	0.912999988 ± 0.00390625	✓
EOTActuatorMng_PrevEOTGain_Uls_M_f32	1	1 ± 0.0625	✓
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	SES_DISABLED	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached	1	~
EOTDetermination	1	EOTDetermination	1	•
SES_DetLmtPos	1	SES_DetLmtPos	1	~
SES_CalcExitGain	1	SES_CalcExitGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
SES_CalcEnterGain	1	SES_CalcEnterGain	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_CalcEOTGain	1	SES_CalcEOTGain	1	•
SES_FiltEOTGain	1	SES_FiltEOTGain	1	~
SES_CalcEOTDamp	1	SES_CalcEOTDamp	1	~
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~
SES_StateCtrl	1	SES_StateCtrl	1	~
Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached	1	~

8.80000019

8.80000019

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

2015-06-29, 18:07:18+0530



EOTDetermination

Project	EOTActuatorMng
Module	EOTActuatorMng
Test Object	EOTDetermination

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_EOTActuatorMng\EOTActuatorMng
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\u00edinclude
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include

Name	Text
Module 'EOTActuatorMng'	/*** Name of Tester:Priti Manglekar Code File(s) Under Test:Ap_EOTActuatorMng.c Code File(s) Version:19 Module Design Document:End_of_Travel_Actuator_Management_MDD.docx Module Design Document Version:25 Data Dictionary Version:21 Unit Test Plan Version:11 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 1.32 Total FLASH Used (Bytes):2914 Total RAM Used (Bytes):170 Special Test Requirements: Test Date:6/29/2015 Comments:"NOTE 1: Inline functions defined in GlobalMacro.h are not unittested. NOTE 2: ""CBD_Sandbox_dbg.map"" is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
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	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

2015-06-29, 18:07:18+0530



EOTDetermination

Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

EOTDetermination()



Test Case 1: Metrics Test

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

TS1.1 4 cycles TS1.2 4 cycles

Description Vector Description

TS1.1"Shortest Execution Path:

((bitwiseand(bitwiseand(CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True" TS1.2"Longest Execution Path: ((bitwiseand(bitwiseand(CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = False"

Test Step 1.1 (Repeat Count = 1) Input Value Name CcwFound_Cnt_T_lgc 1 CwFound_Cnt_T_lgc 1 k_SoftStopEOTEnable_Cnt_lgc Actual Value Name **Expected Value** Result

Τ				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

1

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	0		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T .				V
Actual Function	Count	Expected Function	Coun	Result
none	0	*** No Call Expected ***	0	_

Test Case 2: Boundary Test

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

TS2.1 4 cycles TS2.2 4 cycles TS2.3 4 cycles TS2.4 4 cycles TS2.5 4 cycles TS2.6 4 cycles TS2.7 4 cycles TS2.8 4 cycles

Description Vector Description

TS2.1CwFound_Cnt_T_lgc min
TS2.2CwFound_Cnt_T_lgc max
TS2.3CcwFound_Cnt_T_lgc min
TS2.4CcwFound_Cnt_T_lgc max
TS2.5k_SoftStopEOTEnable_Cnt_lgc min/default
TS2.6k_SoftStopEOTEnable_Cnt_lgc max
TS2.7All Min

TS2.8All Max

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	1		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

2015-06-29, 18:07:18+0530



EOTDetermination

Т				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	1		
CwFound_Cnt_T_lgc	1		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T				✓
Actual Function	Count	Expected Function	Cour	t Result
none	0	*** No Call Expected ***	0	~

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	0		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T				~
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)			
Name	Input Value		
CcwFound_Cnt_T_lgc	1		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	0		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

Т				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

2015-06-29, 18:07:18+0530



EOTDetermination

Name	Input Value		
k_SoftStopEOTEnable_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	0		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	1		
CwFound_Cnt_T_lgc	1		
k_SoftStopEOTEnable_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
EOTDetermination()	1	1	~

Т			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Case 3: Path Test

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

TS3.1 4 cycles TS3.2 4 cycles

Description Vector Description

 $TS3.1 \qquad ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = False \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = False \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc, CcwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (CwFound_Cnt_T_lgc), k_SoftStopEOTEnable_Cnt_lgc)) = 1) = True \\ TS3.2 \\ ((bitwise and (bitwise and (bitwise$

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CcwFound_Cnt_T_lgc	1		
CwFound_Cnt_T_lgc	1		
k_SoftStopEOTEnable_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
EOTDetermination()	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.2 (Repeat Count = 1)	
Name	Input Value
CcwFound_Cnt_T_lgc	0

2015-06-29, 18:07:18+0530



EOTDetermination

Name	Input Value		
CwFound_Cnt_T_lgc	0		
k_SoftStopEOTEnable_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
EOTDetermination()	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

2015-06-29, 18:11:26+0530



SES_CalcEnterGain

Project	EOTActuatorMng
Module	EOTActuatorMng
Test Object	SES_CalcEnterGain

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	

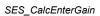
Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng			
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml			
Target Environment	MS 570 PLS UDE (Default)			
Kind of Test	Unit Test			
Linker Options				
Source File(s)				
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c			
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\u00edinclude			
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c			
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include			

Name	Text
Module 'EOTActuatorMng'	/*** Name of Tester:Priti Manglekar Code File(s) Under Test:Ap_EOTActuatorMng.c Code File(s) Version:19 Module Design Document:End_of_Travel_Actuator_Management_MDD.docx Module Design Document Version:25 Data Dictionary Version:21 Unit Test Plan Version:11 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 1.32 Total FLASH Used (Bytes):2914 Total RAM Used (Bytes):170 Special Test Requirements: Test Date:6/29/2015 Comments:"NOTE 1: Inline functions defined in GlobalMacro.h are not unittested. NOTE 2: ""CBD_Sandbox_dbg.map"" is embedded for reference."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl</pre>
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles

2015-06-29, 18:11:26+0530





Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics test

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

TS1.1 9 cycles TS1.2 327 cycles

Description Vector Description

TS1.1"Shortest Execution Path:
(HandWheelPos2_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> FALSE"
TS1.2"Longest Execution Path:
(HandWheelPos2_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> TRUE"

Test Step 1.1 (Repeat Count = 1)	Innut Value		
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
HandWheelPos_HwDeg_T_f32	500.5		
LimitPosition_HwDeg_T_f32	200.600006		
VehicleSpeed_Kph_T_f32	200.800003		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTEnterGainY_Uls_u1p15[0][0]	0		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813		
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627		
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][0]	3277		
t2_EOTEnterGainY_Uls_u1p15[1][1]	6554		
t2 EOTEnterGainY Uls u1p15[1][2]	13107		
t2_EOTEnterGainY_Uls_u1p15[1][3]	16384		
t2_EOTEnterGainY_Uls_u1p15[2][0]	33		
t2_EOTEnterGainY_Uls_u1p15[2][1]	22938		
t2_EOTEnterGainY_Uls_u1p15[2][2]	26214		
t2_EOTEnterGainY_Uls_u1p15[2][3]	29491		
t2_EOTEnterGainY_Uls_u1p15[3][0]	66		
t2 EOTEnterGainY Uls u1p15[3][1]	98		
t2_EOTEnterGainY_Uls_u1p15[3][2]	131		
t2 EOTEnterGainY Uls u1p15[3][3]	164		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t EOTEnterGainVspd_Kph u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
		Evanated Value	Decut
Name SES CalcEnterGain()		Expected Value 1 ± 0.0078125	Result

T					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	-1000.09998
LimitPosition_HwDeg_T_f32	1300.30005
VehicleSpeed_Kph_T_f32	60.4000015
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	16		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	32		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	48		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	64		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	80		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	96		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	112		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	128		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	144		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	160		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	176		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	192		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	208		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	224		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	240		
t2_EOTEnterGainY_Uls_u1p15[0][0]	0		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813		
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627		
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][0]	3277		
t2_EOTEnterGainY_Uls_u1p15[1][1]	6554		
t2_EOTEnterGainY_Uls_u1p15[1][2]	13107		
t2_EOTEnterGainY_Uls_u1p15[1][3]	16384		
t2_EOTEnterGainY_Uls_u1p15[2][0]	33		
t2_EOTEnterGainY_Uls_u1p15[2][1]	22938		
t2_EOTEnterGainY_Uls_u1p15[2][2]	26214		
t2_EOTEnterGainY_Uls_u1p15[2][3]	29491		
t2_EOTEnterGainY_Uls_u1p15[3][0]	66		
t2_EOTEnterGainY_Uls_u1p15[3][1]	98		
t2_EOTEnterGainY_Uls_u1p15[3][2]	131		
t2_EOTEnterGainY_Uls_u1p15[3][3]	164		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	0.00500488281	0.00201415992 ± 0.0078125	✓

T .				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~



Test Case 2: Boundary Test

Specification

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

TS2.1 324 cycles
TS2.2 325 cycles
TS2.3 325 cycles
TS2.3 325 cycles
TS2.4 325 cycles
TS2.5 325 cycles
TS2.6 325 cycles
TS2.7 325 cycles
TS2.8 325 cycles
TS2.9 325 cycles
TS2.10 325 cycles
TS2.11 325 cycles
TS2.11 325 cycles
TS2.12 325 cycles
TS2.13 325 cycles
TS2.14 325 cycles
TS2.15 325 cycles
TS2.15 325 cycles
TS2.16 325 cycles
TS2.17 325 cycles
TS2.18 325 cycles
TS2.18 325 cycles
TS2.19 325 cycles
TS2.10 325 cycles
TS2.10 325 cycles
TS2.10 325 cycles
TS2.11 325 cycles
TS2.12 325 cycles
TS2.20 325 cycles
TS2.21 325 cycles
TS2.23 325 cycles
TS2.24 325 cycles
TS2.25 325 cycles
TS2.26 325 cycles
TS2.27 9 cycles
TS2.28 325 cycles
TS2.27 9 cycles
TS2.28 325 cycles

Description

Vector Description

TS2.1HandWheelPos3_HwDeg_T_f32min TS2.2HandWheelPos3_HwDeg_T_f32 max TS2.3HandWheelPos3_HwDeg_T_f32 zero TS2.4HandWheelPos3_HwDeg_T_f32 zero TS2.5HandWheelPos3_HwDeg_T_f32 neg TS2.6LimitPosition_HwDeg_T_f32 min TS2.7LimitPosition_HwDeg_T_f32 zero TS2.8LimitPosition_HwDeg_T_f32 zero TS2.9LimitPosition_HwDeg_T_f32 zero TS2.9LimitPosition_HwDeg_T_f32 pos TS2.10LimitPosition_HwDeg_T_f32 neg TS2.11VehicleSpeed_Kph_T_f32 min TS2.12VehicleSpeed_Kph_T_f32 pos TS2.13VehicleSpeed_Kph_T_f32 pos TS2.14SESState_UIs_M_enum min TS2.14SESState_UIs_M_enum min TS2.15SESState_UIs_M_enum =1 TS2.16SESState_UIs_M_enum =2 TS2.17SESState_UIs_M_enum max TS2.18t_EOTEnterGainVspd_Kph_u9p7[4] min TS2.19t_EOTEnterGainVspd_Kph_u9p7[4] max TS2.20t_EOTEnterGainVspd_Kph_u9p7[4]mid IS2.20t_EOTEnterGainVspd_Kpn_usp/[4]mid TS2.21t2_EOTEnterGainX_HwDeg_u12p4[4] min TS2.22t2_EOTEnterGainX_HwDeg_u12p4[4] max TS2.23t2_EOTEnterGainX_HwDeg_u12p4[4] mid TS2.24t2_EOTEnterGainY_Uls_u1p15[4] min TS2.25t2_EOTEnterGainY_Uls_u1p15[4]max TS2.26t2_EOTEnterGainY_Uls_u1p15[4]mid TS2.27All min TS2.28All max

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	-1440.10999
LimitPosition_HwDeg_T_f32	1440.10999
VehicleSpeed_Kph_T_f32	100.218399
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	32
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	80
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	96
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	112
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	640
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1904
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1920
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1936
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	784
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2336
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2352
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2368
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	192
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	560
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	576
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	592
t2_EOTEnterGainY_Uls_u1p15[0][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	3
t2_EOTEnterGainY_Uls_u1p15[0][2]	4
t2_EOTEnterGainY_Uls_u1p15[0][3]	5

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5

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[1][0]	5		
t2_EOTEnterGainY_Uls_u1p15[1][1]	6		
t2_EOTEnterGainY_Uls_u1p15[1][2]	29		
t2_EOTEnterGainY_Uls_u1p15[1][3]	288		
t2_EOTEnterGainY_Uls_u1p15[2][0]	5		
t2_EOTEnterGainY_Uls_u1p15[2][1]	5		
t2_EOTEnterGainY_Uls_u1p15[2][2]	20		
t2_EOTEnterGainY_Uls_u1p15[2][3]	193		
t2_EOTEnterGainY_Uls_u1p15[3][0]	7		
t2_EOTEnterGainY_Uls_u1p15[3][1]	7		
t2_EOTEnterGainY_Uls_u1p15[3][2]	78		
t2_EOTEnterGainY_Uls_u1p15[3][3]	763		
t_EOTEnterGainVspd_Kph_u9p7[0]	128		
t_EOTEnterGainVspd_Kph_u9p7[1]	256		
t_EOTEnterGainVspd_Kph_u9p7[2]	384		
t_EOTEnterGainVspd_Kph_u9p7[3]	512		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000213623047	0.000213623003 ± 0.0078125	~

T					
Actual Function	Count	Expected Function	Count	Resulf	
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	•	

Test Step 2.2 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	1440.10999	
LimitPosition_HwDeg_T_f32	1440.10999	
VehicleSpeed_Kph_T_f32	90.032402	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	48	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	128	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	144	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	160	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	656	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1952	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1968	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1984	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	800	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2384	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2400	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2416	
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	208	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	608	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	624	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	640	
t2_EOTEnterGainY_Uls_u1p15[0][0]	4	
t2_EOTEnterGainY_Uls_u1p15[0][1]	5	
t2_EOTEnterGainY_Uls_u1p15[0][2]	10	
t2_EOTEnterGainY_Uls_u1p15[0][3]	98	
t2_EOTEnterGainY_Uls_u1p15[1][0]	5	
t2_EOTEnterGainY_Uls_u1p15[1][1]	6	
t2_EOTEnterGainY_Uls_u1p15[1][2]	39	
t2_EOTEnterGainY_Uls_u1p15[1][3]	383	
t2_EOTEnterGainY_Uls_u1p15[2][0]	5	
t2_EOTEnterGainY_Uls_u1p15[2][1]	6	
t2_EOTEnterGainY_Uls_u1p15[2][2]	29	
t2_EOTEnterGainY_Uls_u1p15[2][3]	288	
t2_EOTEnterGainY_Uls_u1p15[3][0]	7	
t2_EOTEnterGainY_Uls_u1p15[3][1]	8	
t2_EOTEnterGainY_Uls_u1p15[3][2]	88	
t2_EOTEnterGainY_Uls_u1p15[3][3]	859	
t_EOTEnterGainVspd_Kph_u9p7[0]	256	
t_EOTEnterGainVspd_Kph_u9p7[1]	640	
t_EOTEnterGainVspd_Kph_u9p7[2]	768	
t_EOTEnterGainVspd_Kph_u9p7[3]	896	
Name	Actual Value Expecte	ed Value Result
SES_CalcEnterGain()	0.000213623047 0.000213	3623003 ± 0.0078125



T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL		
HandWheelPos HwDeg T f32	0		
LimitPosition HwDeg T f32	1200.33997		
VehicleSpeed Kph T f32	80.0456009		
t2 EOTEnterGainX HwDeg u12p4[0][0]	64		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	176		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	192		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	208		
t2 EOTEnterGainX HwDeg u12p4[1][0]	672		
t2 EOTEnterGainX HwDeg u12p4[1][1]	2000		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2016		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2032		
t2 EOTEnterGainX HwDeg u12p4[2][0]	816		
t2 EOTEnterGainX HwDeg u12p4[2][1]	2432		
t2 EOTEnterGainX HwDeg u12p4[2][2]	2448		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2464		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	224		
t2 EOTEnterGainX HwDeg u12p4[3][1]	656		
t2 EOTEnterGainX HwDeg u12p4[3][2]	672		
t2 EOTEnterGainX HwDeg u12p4[3][3]	688		
t2_EOTEnterGainY_Uls_u1p15[0][0]	5		
t2_EOTEnterGainY_Uls_u1p15[0][1]	5		
t2 EOTEnterGainY Uls u1p15[0][2]	20		
t2_EOTEnterGainY_Uls_u1p15[0][3]	193		
t2 EOTEnterGainY Uls u1p15[1][0]	6		
t2_EOTEnterGainY_Uls_u1p15[1][1]	6		
t2_EOTEnterGainY_Uls_u1p15[1][2]	49		
t2_EOTEnterGainY_Uls_u1p15[1][3]	478		
t2 EOTEnterGainY Uls u1p15[2][0]	5		
t2 EOTEnterGainY Uls u1p15[2][1]	6		
t2_EOTEnterGainY_Uls_u1p15[2][2]	39		
t2 EOTEnterGainY Uls u1p15[2][3]	383		
t2_EOTEnterGainY_UIs_u1p15[3][0]	7		
t2_EOTEnterGainY_Uls_u1p15[3][1]	8		
t2_EOTEnterGainY_Uls_u1p15[3][2]	98		
t2_EOTEnterGainY_Uls_u1p15[3][3]	954		
t_EOTEnterGainVspd_Kph_u9p7[0]	384		
t_EOTEnterGainVspd_Kph_u9p7[1]	1024		
t_EOTEnterGainVspd_Kph_u9p7[2]	1152		
t_EOTEnterGainVspd_Kph_u9p7[3]	1280		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	0.0291137695	0.0291137695 ± 0.0078125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	_

Test Step 2.4 (Repeat Count = 1)		· ·
Name	Input Value	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	1000.09998	
LimitPosition_HwDeg_T_f32	-1300.14001	
VehicleSpeed_Kph_T_f32	70.8410034	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	80	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	224	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	240	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	256	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	688	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2048	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2064	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2080	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	832		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2480		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2496		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2512		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	240		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	704		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	720		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	736		
t2_EOTEnterGainY_Uls_u1p15[0][0]	5		
t2_EOTEnterGainY_Uls_u1p15[0][1]	6		
t2_EOTEnterGainY_Uls_u1p15[0][2]	29		
t2_EOTEnterGainY_Uls_u1p15[0][3]	288		
t2_EOTEnterGainY_Uls_u1p15[1][0]	6		
t2_EOTEnterGainY_Uls_u1p15[1][1]	7		
t2_EOTEnterGainY_Uls_u1p15[1][2]	59		
t2_EOTEnterGainY_Uls_u1p15[1][3]	573		
t2_EOTEnterGainY_Uls_u1p15[2][0]	6		
t2_EOTEnterGainY_Uls_u1p15[2][1]	6		
t2_EOTEnterGainY_Uls_u1p15[2][2]	49		
t2_EOTEnterGainY_Uls_u1p15[2][3]	478		
t2_EOTEnterGainY_Uls_u1p15[3][0]	8		
t2_EOTEnterGainY_Uls_u1p15[3][1]	8		
t2_EOTEnterGainY_Uls_u1p15[3][2]	108		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1049		
t_EOTEnterGainVspd_Kph_u9p7[0]	512		
t_EOTEnterGainVspd_Kph_u9p7[1]	1408		
t_EOTEnterGainVspd_Kph_u9p7[2]	1536		
t_EOTEnterGainVspd_Kph_u9p7[3]	1664		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0320129395	0.0320129395 ± 0.0078125	•

Τ				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	~

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng SESState Uls M enum	SES NORMAL
HandWheelPos HwDeg T f32	-1000.09998
LimitPosition_HwDeg_T_f32	1300.65002
VehicleSpeed_Kph_T_f32	60.3569984
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	96
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	272
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	288
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	304
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	704
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2096
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2112
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2128
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	848
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2528
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2544
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2560
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	256
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	752
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	768
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	784
t2_EOTEnterGainY_Uls_u1p15[0][0]	5
t2_EOTEnterGainY_Uls_u1p15[0][1]	6
t2_EOTEnterGainY_Uls_u1p15[0][2]	39
t2_EOTEnterGainY_Uls_u1p15[0][3]	383
t2_EOTEnterGainY_Uls_u1p15[1][0]	6
t2_EOTEnterGainY_Uls_u1p15[1][1]	7
t2_EOTEnterGainY_Uls_u1p15[1][2]	69
t2_EOTEnterGainY_Uls_u1p15[1][3]	668
t2_EOTEnterGainY_Uls_u1p15[2][0]	6
t2_EOTEnterGainY_Uls_u1p15[2][1]	7
t2_EOTEnterGainY_Uls_u1p15[2][2]	59
t2_EOTEnterGainY_Uls_u1p15[2][3]	573
t2_EOTEnterGainY_Uls_u1p15[3][0]	8

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	9		
t2_EOTEnterGainY_Uls_u1p15[3][2]	118		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1144		
t_EOTEnterGainVspd_Kph_u9p7[0]	640		
t_EOTEnterGainVspd_Kph_u9p7[1]	1792		
t_EOTEnterGainVspd_Kph_u9p7[2]	1920		
t_EOTEnterGainVspd_Kph_u9p7[3]	2048		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0349121094	0.0349121094 ± 0.0078125	~

Τ				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	900.323975		
LimitPosition_HwDeg_T_f32	-1440.10999		
VehicleSpeed_Kph_T_f32	50.1591988		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	112		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	320		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	336		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	352		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	720		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2144		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2160		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2176		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	864		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2576		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2592		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2608		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	272		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	816		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	832		
t2_EOTEnterGainY_Uls_u1p15[0][0]	6		
t2_EOTEnterGainY_Uls_u1p15[0][1]	6		
t2_EOTEnterGainY_Uls_u1p15[0][2]	49		
t2_EOTEnterGainY_Uls_u1p15[0][3]	478		
t2_EOTEnterGainY_Uls_u1p15[1][0]	7		
t2_EOTEnterGainY_Uls_u1p15[1][1]	7		
t2_EOTEnterGainY_Uls_u1p15[1][2]	78		
t2_EOTEnterGainY_Uls_u1p15[1][3]	763		
t2_EOTEnterGainY_Uls_u1p15[2][0]	6		
t2_EOTEnterGainY_Uls_u1p15[2][1]	7		
t2_EOTEnterGainY_Uls_u1p15[2][2]	69		
t2_EOTEnterGainY_Uls_u1p15[2][3]	668		
t2_EOTEnterGainY_Uls_u1p15[3][0]	8		
t2_EOTEnterGainY_Uls_u1p15[3][1]	9		
t2_EOTEnterGainY_Uls_u1p15[3][2]	127		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1239		
t_EOTEnterGainVspd_Kph_u9p7[0]	768		
t_EOTEnterGainVspd_Kph_u9p7[1]	2176		
t_EOTEnterGainVspd_Kph_u9p7[2]	2304		
t_EOTEnterGainVspd_Kph_u9p7[3]	2432		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0378112793	0.0378112793 ± 0.0078125	

Т				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	-

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL

2015-06-29, 18:11:26+0530



Name	Input Value	
HandWheelPos_HwDeg_T_f32	-900.156006	
LimitPosition_HwDeg_T_f32	1440.10999	
VehicleSpeed_Kph_T_f32	40.3569984	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	128	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	368	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	384	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	400	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	736	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2192	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2208	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2224	
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	880	
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2624	
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2640	
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2656	
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	288	
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	848	
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	864	
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	880	
t2_EOTEnterGainY_Uls_u1p15[0][0]	6	
t2_EOTEnterGainY_Uls_u1p15[0][1]	7	
t2_EOTEnterGainY_Uls_u1p15[0][2]	59	
t2_EOTEnterGainY_Uls_u1p15[0][3]	573	
t2_EOTEnterGainY_Uls_u1p15[1][0]	7	
t2_EOTEnterGainY_Uls_u1p15[1][1]	8	
t2_EOTEnterGainY_Uls_u1p15[1][2]	88	
t2_EOTEnterGainY_Uls_u1p15[1][3]	859	
t2_EOTEnterGainY_Uls_u1p15[2][0]	7	
t2_EOTEnterGainY_Uls_u1p15[2][1]	7	
t2_EOTEnterGainY_Uls_u1p15[2][2]	78	
t2_EOTEnterGainY_Uls_u1p15[2][3]	763	
t2_EOTEnterGainY_Uls_u1p15[3][0]	9	
t2_EOTEnterGainY_Uls_u1p15[3][1]	9	
t2_EOTEnterGainY_Uls_u1p15[3][2]	137	
t2_EOTEnterGainY_Uls_u1p15[3][3]	1334	
t_EOTEnterGainVspd_Kph_u9p7[0]	896	
t_EOTEnterGainVspd_Kph_u9p7[1]	2560	
t_EOTEnterGainVspd_Kph_u9p7[2]	2688	
t_EOTEnterGainVspd_Kph_u9p7[3]	2816	
Name	Actual Value Expected Value	Result
SES CalcEnterGain()	0.0407104492 0.0407104492 ± 0.007	78125

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING
HandWheelPos_HwDeg_T_f32	0
LimitPosition_HwDeg_T_f32	0
VehicleSpeed_Kph_T_f32	30.1541996
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	144
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	416
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	432
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	448
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	752
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2240
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2256
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2272
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	896
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2672
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2688
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2704
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	304
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	896
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	912
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	928
t2_EOTEnterGainY_Uls_u1p15[0][0]	6
t2_EOTEnterGainY_Uls_u1p15[0][1]	7

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[0][2]	69		
t2_EOTEnterGainY_Uls_u1p15[0][3]	668		
t2_EOTEnterGainY_Uls_u1p15[1][0]	7		
t2_EOTEnterGainY_Uls_u1p15[1][1]	8		
t2_EOTEnterGainY_Uls_u1p15[1][2]	98		
t2_EOTEnterGainY_Uls_u1p15[1][3]	954		
t2_EOTEnterGainY_Uls_u1p15[2][0]	7		
t2_EOTEnterGainY_Uls_u1p15[2][1]	8		
t2_EOTEnterGainY_Uls_u1p15[2][2]	88		
t2_EOTEnterGainY_Uls_u1p15[2][3]	859		
t2_EOTEnterGainY_Uls_u1p15[3][0]	9		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10		
t2_EOTEnterGainY_Uls_u1p15[3][2]	147		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1429		
t_EOTEnterGainVspd_Kph_u9p7[0]	1024		
t_EOTEnterGainVspd_Kph_u9p7[1]	2944		
t_EOTEnterGainVspd_Kph_u9p7[2]	3072		
t_EOTEnterGainVspd_Kph_u9p7[3]	3200		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000274658203	0.000274657999 ± 0.0078125	~

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-800.039978		
LimitPosition_HwDeg_T_f32	900.099976		
VehicleSpeed_Kph_T_f32	20.1340008		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	160		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	464		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	480		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	496		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	768		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2288		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2304		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2320		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	912		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2720		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2736		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2752		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	320		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	944		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	976		
t2_EOTEnterGainY_Uls_u1p15[0][0]	7		
t2_EOTEnterGainY_Uls_u1p15[0][1]	7		
t2_EOTEnterGainY_Uls_u1p15[0][2]	78		
t2_EOTEnterGainY_Uls_u1p15[0][3]	763		
t2_EOTEnterGainY_Uls_u1p15[1][0]	8		
t2_EOTEnterGainY_Uls_u1p15[1][1]	8		
t2_EOTEnterGainY_Uls_u1p15[1][2]	108		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1049		
t2_EOTEnterGainY_Uls_u1p15[2][0]	7		
t2_EOTEnterGainY_Uls_u1p15[2][1]	8		
t2_EOTEnterGainY_Uls_u1p15[2][2]	98		
t2_EOTEnterGainY_Uls_u1p15[2][3]	954		
t2_EOTEnterGainY_Uls_u1p15[3][0]	9		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10		
t2_EOTEnterGainY_Uls_u1p15[3][2]	157		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1524		
t_EOTEnterGainVspd_Kph_u9p7[0]	1152		
t_EOTEnterGainVspd_Kph_u9p7[1]	3328		
t_EOTEnterGainVspd_Kph_u9p7[2]	3456		
t_EOTEnterGainVspd_Kph_u9p7[3]	3584		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.00820922852	0.00820922945 ± 0.0078125	~



T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING		
HandWheelPos HwDeg T f32	700.539978		
LimitPosition HwDeg T f32	-900.099976		
VehicleSpeed Kph T f32	10.9870005		
t2 EOTEnterGainX HwDeg u12p4[0][0]	176		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	512		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	528		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	544		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	784		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2336		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2352		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2368		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	928		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2768		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2784		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2800		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	336		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	992		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1008		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1024		
t2_EOTEnterGainY_Uls_u1p15[0][0]	7		
t2_EOTEnterGainY_Uls_u1p15[0][1]	8		
t2_EOTEnterGainY_Uls_u1p15[0][2]	88		
t2_EOTEnterGainY_Uls_u1p15[0][3]	859		
t2_EOTEnterGainY_Uls_u1p15[1][0]	8		
t2_EOTEnterGainY_Uls_u1p15[1][1]	9		
t2_EOTEnterGainY_Uls_u1p15[1][2]	118		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1144		
t2_EOTEnterGainY_Uls_u1p15[2][0]	8		
t2_EOTEnterGainY_Uls_u1p15[2][1]	8		
t2_EOTEnterGainY_Uls_u1p15[2][2]	108		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1049		
t2_EOTEnterGainY_Uls_u1p15[3][0]	10		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10		
t2_EOTEnterGainY_Uls_u1p15[3][2]	167		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1619		
t_EOTEnterGainVspd_Kph_u9p7[0]	1280		
t_EOTEnterGainVspd_Kph_u9p7[1]	3712		
t_EOTEnterGainVspd_Kph_u9p7[2]	3840		
t_EOTEnterGainVspd_Kph_u9p7[3]	3968		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0266723633	0.0266723633 ± 0.0078125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	_

Test Step 2.11 (Repeat Count = 1)		~
Name	Input Value	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	-700.320007	
LimitPosition_HwDeg_T_f32	-1100.34998	
VehicleSpeed_Kph_T_f32	0	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	192	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	560	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	576	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	592	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	800	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2384	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2400	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2416	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	944		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2816		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2832		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2848		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	352		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1040		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1056		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1072		
t2_EOTEnterGainY_Uls_u1p15[0][0]	7		
t2_EOTEnterGainY_Uls_u1p15[0][1]	8		
t2_EOTEnterGainY_Uls_u1p15[0][2]	98		
t2_EOTEnterGainY_Uls_u1p15[0][3]	954		
t2_EOTEnterGainY_Uls_u1p15[1][0]	8		
t2_EOTEnterGainY_Uls_u1p15[1][1]	9		
t2_EOTEnterGainY_Uls_u1p15[1][2]	127		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1239		
t2_EOTEnterGainY_Uls_u1p15[2][0]	8		
t2_EOTEnterGainY_Uls_u1p15[2][1]	9		
t2_EOTEnterGainY_Uls_u1p15[2][2]	118		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1144		
t2_EOTEnterGainY_Uls_u1p15[3][0]	10		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10		
t2_EOTEnterGainY_Uls_u1p15[3][2]	176		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1714		
t_EOTEnterGainVspd_Kph_u9p7[0]	1408		
t_EOTEnterGainVspd_Kph_u9p7[1]	4096		
t_EOTEnterGainVspd_Kph_u9p7[2]	4224		
t_EOTEnterGainVspd_Kph_u9p7[3]	4352		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	0.0291137695	0.0291137695 ± 0.0078125	~

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.12 (Repeat Count = 1)	🗸
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	11		
t2_EOTEnterGainY_Uls_u1p15[3][2]	186		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1809		
t_EOTEnterGainVspd_Kph_u9p7[0]	1536		
t_EOTEnterGainVspd_Kph_u9p7[1]	4480		
t_EOTEnterGainVspd_Kph_u9p7[2]	4608		
t_EOTEnterGainVspd_Kph_u9p7[3]	4736		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000305175781	0.000305176014 ± 0.0078125	

Τ				
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	-600.460022		
LimitPosition HwDeg T f32	-800.150024		
VehicleSpeed Kph T f32	400.100006		
t2 EOTEnterGainX HwDeg u12p4[0][0]	224		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	656		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	672		
t2 EOTEnterGainX HwDeg u12p4[0][3]	688		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	832		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2480		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2496		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2512		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	976		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2912		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2928		
t2 EOTEnterGainX HwDeg u12p4[2][3]	2944		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	384		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1136		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1152		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1168		
t2_EOTEnterGainY_Uls_u1p15[0][0]	8		
t2_EOTEnterGainY_Uls_u1p15[0][1]	9		
t2_EOTEnterGainY_Uls_u1p15[0][2]	118		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1144		
t2_EOTEnterGainY_Uls_u1p15[1][0]	9		
t2_EOTEnterGainY_Uls_u1p15[1][1]	10		
t2_EOTEnterGainY_Uls_u1p15[1][2]	147		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1429		
t2_EOTEnterGainY_Uls_u1p15[2][0]	9		
t2_EOTEnterGainY_Uls_u1p15[2][1]	9		
t2_EOTEnterGainY_Uls_u1p15[2][2]	137		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1334		
t2_EOTEnterGainY_Uls_u1p15[3][0]	10		
t2_EOTEnterGainY_Uls_u1p15[3][1]	11		
t2_EOTEnterGainY_Uls_u1p15[3][2]	196		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1904		
t_EOTEnterGainVspd_Kph_u9p7[0]	1664		
t_EOTEnterGainVspd_Kph_u9p7[1]	4864		
t_EOTEnterGainVspd_Kph_u9p7[2]	4992		
t_EOTEnterGainVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0581054688	0.0581054688 ± 0.0078125	~

T					✓
Actual Function	Count	Expected Function	Count	Resu	lt
RilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1		_

Test Step 2.14 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED

2015-06-29, 18:11:26+0530



Name	Input Value		
HandWheelPos_HwDeg_T_f32	500.339996		
LimitPosition_HwDeg_T_f32	200.979996		
VehicleSpeed_Kph_T_f32	200.024994		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	240		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	704		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	720		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	736		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	848		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2528		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2544		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2560		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	992		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2960		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2976		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2992		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	400		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1184		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1200		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1216		
t2_EOTEnterGainY_Uls_u1p15[0][0]	8		
t2_EOTEnterGainY_Uls_u1p15[0][1]	9		
t2_EOTEnterGainY_Uls_u1p15[0][2]	127		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1239		
t2_EOTEnterGainY_Uls_u1p15[1][0]	9		
t2_EOTEnterGainY_Uls_u1p15[1][1]	10		
t2_EOTEnterGainY_Uls_u1p15[1][2]	157		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1524		
t2_EOTEnterGainY_Uls_u1p15[2][0]	9		
t2_EOTEnterGainY_Uls_u1p15[2][1]	10		
t2_EOTEnterGainY_Uls_u1p15[2][2]	147		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1429		
t2_EOTEnterGainY_Uls_u1p15[3][0]	11		
t2_EOTEnterGainY_Uls_u1p15[3][1]	11		
t2_EOTEnterGainY_Uls_u1p15[3][2]	206		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1999		
t_EOTEnterGainVspd_Kph_u9p7[0]	1792		
t_EOTEnterGainVspd_Kph_u9p7[1]	5248		
t_EOTEnterGainVspd_Kph_u9p7[2]	5376		
t_EOTEnterGainVspd_Kph_u9p7[3]	5504		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	1	1 ± 0.0078125	

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.15 (Repeat Count = 1)	la de la companya de
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	500.339996
LimitPosition_HwDeg_T_f32	200.979996
VehicleSpeed_Kph_T_f32	200.024994
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	240
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	704
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	720
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	736
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	848
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2528
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2544
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2560
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	992
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2960
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2976
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2992
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	400
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1184
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1200
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1216
t2_EOTEnterGainY_Uls_u1p15[0][0]	8
t2_EOTEnterGainY_Uls_u1p15[0][1]	9

SES_CalcEnterGain

t_EOTEnterGainVspd_Kph_u9p7[3]

Name

SES_CalcEnterGain()

2015-06-29, 18:11:26+0530



Result

Expected Value

0.00033569301 ± 0.0078125

Input Value t2_EOTEnterGainY_Uls_u1p15[0][2] 127 t2_EOTEnterGainY_Uls_u1p15[0][3] 1239 t2_EOTEnterGainY_Uls_u1p15[1][0] 9 t2_EOTEnterGainY_Uls_u1p15[1][1] 10 t2_EOTEnterGainY_Uls_u1p15[1][2] 157 t2_EOTEnterGainY_Uls_u1p15[1][3] 1524 t2_EOTEnterGainY_Uls_u1p15[2][0] 9 t2_EOTEnterGainY_Uls_u1p15[2][1] 10 t2_EOTEnterGainY_Uls_u1p15[2][2] 147 t2_EOTEnterGainY_Uls_u1p15[2][3] 1429 t2_EOTEnterGainY_Uls_u1p15[3][0] 11 t2_EOTEnterGainY_Uls_u1p15[3][1] 11 t2_EOTEnterGainY_Uls_u1p15[3][2] 206 t2_EOTEnterGainY_Uls_u1p15[3][3] 1999 t_EOTEnterGainVspd_Kph_u9p7[0] 1792 t_EOTEnterGainVspd_Kph_u9p7[1] 5248 $t_EOTEnterGainVspd_Kph_u9p7[2]$ 5376

Τ				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Actual Value

0.000335693359

5504

T4 04 0 40 (P4 04 - 4)			
Test Step 2.16 (Repeat Count = 1)	Invest Value		~
	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	-500.179993		
LimitPosition_HwDeg_T_f32	-600.159973		
VehicleSpeed_Kph_T_f32	300.510406		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	256		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	752		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	768 784		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]			
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	864		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2576		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2592		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2608		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1008		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3008		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3024		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3040		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	416		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1232		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1248		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1264		
t2_EOTEnterGainY_Uls_u1p15[0][0]	9		
t2_EOTEnterGainY_Uls_u1p15[0][1]	9		
t2_EOTEnterGainY_Uls_u1p15[0][2]	137		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1334		
t2_EOTEnterGainY_Uls_u1p15[1][0]	10		
t2_EOTEnterGainY_Uls_u1p15[1][1]	10		
t2_EOTEnterGainY_Uls_u1p15[1][2]	167		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1619		
t2_EOTEnterGainY_Uls_u1p15[2][0]	9		
t2_EOTEnterGainY_Uls_u1p15[2][1]	10		
t2_EOTEnterGainY_Uls_u1p15[2][2]	157		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1524		
t2_EOTEnterGainY_Uls_u1p15[3][0]	11		
t2_EOTEnterGainY_Uls_u1p15[3][1]	12		
t2_EOTEnterGainY_Uls_u1p15[3][2]	216		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2094		
t_EOTEnterGainVspd_Kph_u9p7[0]	1920		
t_EOTEnterGainVspd_Kph_u9p7[1]	5632		
t_EOTEnterGainVspd_Kph_u9p7[2]	5760		
t_EOTEnterGainVspd_Kph_u9p7[3]	5888		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0639038086	0.0639038086 ± 0.0078125	





T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING		
HandWheelPos HwDeg T f32	-500.179993		
LimitPosition HwDeg T f32	-600.159973		
VehicleSpeed Kph T f32	300.510406		
t2 EOTEnterGainX HwDeg u12p4[0][0]	256		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	752		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	768		
t2 EOTEnterGainX HwDeg u12p4[0][3]	784		
t2 EOTEnterGainX HwDeg u12p4[1][0]	864		
t2 EOTEnterGainX HwDeg u12p4[1][1]	2576		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2592		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2608		
t2 EOTEnterGainX HwDeg u12p4[2][0]	1008		
t2 EOTEnterGainX HwDeg u12p4[2][1]	3008		
t2 EOTEnterGainX HwDeg u12p4[2][2]	3024		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3040		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	416		
t2 EOTEnterGainX HwDeg u12p4[3][1]	1232		
t2 EOTEnterGainX HwDeg u12p4[3][2]	1248		
t2 EOTEnterGainX HwDeg u12p4[3][3]	1264		
t2_EOTEnterGainY_Uls_u1p15[0][0]	9		
t2_EOTEnterGainY_Uls_u1p15[0][1]	9		
t2 EOTEnterGainY Uls u1p15[0][2]	137		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1334		
t2 EOTEnterGainY Uls u1p15[1][0]	10		
t2_EOTEnterGainY_Uls_u1p15[1][1]	10		
t2_EOTEnterGainY_Uls_u1p15[1][2]	167		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1619		
t2 EOTEnterGainY Uls u1p15[2][0]	9		
t2 EOTEnterGainY Uls u1p15[2][1]	10		
t2_EOTEnterGainY_Uls_u1p15[2][2]	157		
t2 EOTEnterGainY Uls u1p15[2][3]	1524		
t2_EOTEnterGainY_Uls_u1p15[3][0]	11		
t2_EOTEnterGainY_Uls_u1p15[3][1]	12		
t2 EOTEnterGainY Uls u1p15[3][2]	216		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2094		
t_EOTEnterGainVspd_Kph_u9p7[0]	1920		
t EOTEnterGainVspd Kph u9p7[1]	5632		
t EOTEnterGainVspd Kph u9p7[2]	5760		
t EOTEnterGainVspd Kph u9p7[3]	5888		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	0.0639038086	0.0639038086 ± 0.0078125	ixesuit
OLO_OGIOLITICI GAITI()	0.00000000	0.0039030000 ± 0.0070123	

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	~

Test Step 2.18 (Repeat Count = 1)		~
Name	Input Value	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	777.75	
LimitPosition_HwDeg_T_f32	666.359985	
VehicleSpeed_Kph_T_f32	125.851997	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	272	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	800	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	816	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	832	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	880	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2624	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2640	
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2656	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1024		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3056		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3072		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3088		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	432		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1280		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1296		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1312		
t2_EOTEnterGainY_Uls_u1p15[0][0]	9		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10		
t2_EOTEnterGainY_Uls_u1p15[0][2]	147		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1429		
t2_EOTEnterGainY_Uls_u1p15[1][0]	10		
t2_EOTEnterGainY_Uls_u1p15[1][1]	10		
t2_EOTEnterGainY_Uls_u1p15[1][2]	176		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1714		
t2_EOTEnterGainY_Uls_u1p15[2][0]	10		
t2_EOTEnterGainY_Uls_u1p15[2][1]	10		
t2_EOTEnterGainY_Uls_u1p15[2][2]	167		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1619		
t2_EOTEnterGainY_Uls_u1p15[3][0]	11		
t2_EOTEnterGainY_Uls_u1p15[3][1]	12		
t2_EOTEnterGainY_Uls_u1p15[3][2]	225		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2189		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	0		
t_EOTEnterGainVspd_Kph_u9p7[2]	0		
t_EOTEnterGainVspd_Kph_u9p7[3]	0		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000274658203	0.000274657999 ± 0.0078125	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	~

Test Step 2.19 (Repeat Count = 1)	√
Name	Input Value
EOTActuatorMng SESState Uls M enum	SES ENTERING
HandWheelPos HwDeg T f32	-111.459999
LimitPosition HwDeg T f32	-777.640015
VehicleSpeed_Kph_T_f32	366.126007
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	288
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	848
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	864
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	880
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	896
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2672
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2688
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2704
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1040
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3104
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3120
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3136
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	448
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1328
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1344
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1360
t2_EOTEnterGainY_Uls_u1p15[0][0]	9
t2_EOTEnterGainY_Uls_u1p15[0][1]	10
t2_EOTEnterGainY_Uls_u1p15[0][2]	157
t2_EOTEnterGainY_Uls_u1p15[0][3]	1524
t2_EOTEnterGainY_Uls_u1p15[1][0]	10
t2_EOTEnterGainY_Uls_u1p15[1][1]	11
t2_EOTEnterGainY_Uls_u1p15[1][2]	186
t2_EOTEnterGainY_Uls_u1p15[1][3]	1809
t2_EOTEnterGainY_Uls_u1p15[2][0]	10
t2_EOTEnterGainY_Uls_u1p15[2][1]	10
t2_EOTEnterGainY_Uls_u1p15[2][2]	176
t2_EOTEnterGainY_Uls_u1p15[2][3]	1714
t2_EOTEnterGainY_Uls_u1p15[3][0]	12

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	12		
t2_EOTEnterGainY_Uls_u1p15[3][2]	235		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2284		
t_EOTEnterGainVspd_Kph_u9p7[0]	32640		
t_EOTEnterGainVspd_Kph_u9p7[1]	32640		
t_EOTEnterGainVspd_Kph_u9p7[2]	32640		
t_EOTEnterGainVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.00479125977	0.00479126023 ± 0.0078125	✓

T			V	
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL		
HandWheelPos_HwDeg_T_f32	222.949997		
LimitPosition HwDeg T f32	888.280029		
VehicleSpeed Kph T f32	378.354004		
t2 EOTEnterGainX HwDeg u12p4[0][0]	304		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	896		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	912		
t2 EOTEnterGainX HwDeg u12p4[0][3]	928		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	560		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1664		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1680		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1696		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	560		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	1664		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	1680		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	1696		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	464		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1376		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1392		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1408		
t2_EOTEnterGainY_Uls_u1p15[0][0]	10		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10		
t2_EOTEnterGainY_Uls_u1p15[0][2]	167		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1619		
t2_EOTEnterGainY_Uls_u1p15[1][0]	10		
t2_EOTEnterGainY_Uls_u1p15[1][1]	11		
t2_EOTEnterGainY_Uls_u1p15[1][2]	196		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1904		
t2_EOTEnterGainY_Uls_u1p15[2][0]	10		
t2_EOTEnterGainY_Uls_u1p15[2][1]	11		
t2_EOTEnterGainY_Uls_u1p15[2][2]	186		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1809		
t2_EOTEnterGainY_Uls_u1p15[3][0]	12		
t2_EOTEnterGainY_Uls_u1p15[3][1]	13		
t2_EOTEnterGainY_Uls_u1p15[3][2]	245		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2379		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.0726013184	0.0726013184 ± 0.0078125	~

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.21 (Repeat Count = 1)	🗸
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING

2015-06-29, 18:11:26+0530



Name	Input Value		
HandWheelPos HwDeg T f32	-222.190002		
LimitPosition_HwDeg_T_f32	-999.640015		
VehicleSpeed_Kph_T_f32	433.85199		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2 EOTEnterGainX HwDeg u12p4[0][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	0		
t2 EOTEnterGainX HwDeg u12p4[0][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	0		
t2 EOTEnterGainX HwDeg u12p4[1][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	0		
t2 EOTEnterGainX HwDeg u12p4[2][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	0		
t2 EOTEnterGainX HwDeg u12p4[3][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	0		
t2_EOTEnterGainY_Uls_u1p15[0][0]	10		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10		
t2_EOTEnterGainY_Uls_u1p15[0][2]	176		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1714		
t2_EOTEnterGainY_Uls_u1p15[1][0]	11		
t2_EOTEnterGainY_Uls_u1p15[1][1]	11		
t2_EOTEnterGainY_Uls_u1p15[1][2]	206		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1999		
t2_EOTEnterGainY_Uls_u1p15[2][0]	10		
t2_EOTEnterGainY_Uls_u1p15[2][1]	11		
t2_EOTEnterGainY_Uls_u1p15[2][2]	196		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1904		
t2_EOTEnterGainY_Uls_u1p15[3][0]	12		
t2_EOTEnterGainY_Uls_u1p15[3][1]	13		
t2_EOTEnterGainY_Uls_u1p15[3][2]	255		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2474		
t_EOTEnterGainVspd_Kph_u9p7[0]	2304		
t_EOTEnterGainVspd_Kph_u9p7[1]	6784		
t_EOTEnterGainVspd_Kph_u9p7[2]	6912		
t_EOTEnterGainVspd_Kph_u9p7[3]	7040		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000305175781	0.000305176014 ± 0.0078125	~

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.22 (Repeat Count = 1)	→ The second of the secon
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL
HandWheelPos_HwDeg_T_f32	333.640015
LimitPosition_HwDeg_T_f32	1000.31
VehicleSpeed_Kph_T_f32	276.153992
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400
t2_EOTEnterGainY_Uls_u1p15[0][0]	10
t2_EOTEnterGainY_Uls_u1p15[0][1]	11

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[0][2]	186		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1809		
t2_EOTEnterGainY_Uls_u1p15[1][0]	11		
t2_EOTEnterGainY_Uls_u1p15[1][1]	12		
t2_EOTEnterGainY_Uls_u1p15[1][2]	216		
t2_EOTEnterGainY_Uls_u1p15[1][3]	2094		
t2_EOTEnterGainY_Uls_u1p15[2][0]	11		
t2_EOTEnterGainY_Uls_u1p15[2][1]	11		
t2_EOTEnterGainY_Uls_u1p15[2][2]	206		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1999		
t2_EOTEnterGainY_Uls_u1p15[3][0]	13		
t2_EOTEnterGainY_Uls_u1p15[3][1]	13		
t2_EOTEnterGainY_Uls_u1p15[3][2]	265		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2569		
t_EOTEnterGainVspd_Kph_u9p7[0]	2432		
t_EOTEnterGainVspd_Kph_u9p7[1]	7168		
t_EOTEnterGainVspd_Kph_u9p7[2]	7296		
t_EOTEnterGainVspd_Kph_u9p7[3]	7424		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.000335693359	0.00033569301 ± 0.0078125	~

T					V
Actual Function	Count	Expected Function	Count	Res	ult
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1		•

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES ENTERING		
HandWheelPos HwDeg T f32	-333.519989		
LimitPosition HwDeg T f32	-1111.18005		
VehicleSpeed Kph T f32	478.85199		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480		
t2 EOTEnterGainX HwDeg u12p4[0][2]	960		
t2 EOTEnterGainX HwDeg u12p4[0][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	480		
t2 EOTEnterGainX HwDeg u12p4[1][2]	960		
t2 EOTEnterGainX HwDeg u12p4[1][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	960		
t2 EOTEnterGainX HwDeg u12p4[2][3]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	480		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	960		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1440		
t2 EOTEnterGainY Uls u1p15[0][0]	10		
t2 EOTEnterGainY Uls u1p15[0][1]	11		
t2_EOTEnterGainY_Uls_u1p15[0][2]	196		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1904		
t2_EOTEnterGainY_Uls_u1p15[1][0]	11		
t2_EOTEnterGainY_Uls_u1p15[1][1]	12		
t2_EOTEnterGainY_Uls_u1p15[1][2]	225		
t2_EOTEnterGainY_Uls_u1p15[1][3]	2189		
t2_EOTEnterGainY_Uls_u1p15[2][0]	11		
t2_EOTEnterGainY_Uls_u1p15[2][1]	12		
t2_EOTEnterGainY_Uls_u1p15[2][2]	216		
t2_EOTEnterGainY_Uls_u1p15[2][3]	2094		
t2_EOTEnterGainY_Uls_u1p15[3][0]	13		
t2_EOTEnterGainY_Uls_u1p15[3][1]	14		
t2_EOTEnterGainY_Uls_u1p15[3][2]	274		
t2_EOTEnterGainY_Uls_u1p15[3][3]	2664		
t_EOTEnterGainVspd_Kph_u9p7[0]	2560		
t_EOTEnterGainVspd_Kph_u9p7[1]	7552		
t_EOTEnterGainVspd_Kph_u9p7[2]	7680		
t_EOTEnterGainVspd_Kph_u9p7[3]	7808		
Name	Actual Value	Expected Value	Result
SES CalcEnterGain()	0.0812988281	0.0812988281 ± 0.0078125	•



T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.24 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES NORMAL		
HandWheelPos HwDeg T f32	444.75		
LimitPosition HwDeg T f32	1244.64001		
VehicleSpeed Kph T f32	299.356995		
t2 EOTEnterGainX HwDeg u12p4[0][0]	336		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	992		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1008		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1024		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	480		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1424		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1440		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1456		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1120		
t2 EOTEnterGainX HwDeg u12p4[2][1]	3344		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3360		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3376		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	80		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	224		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	240		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	256		
t2_EOTEnterGainY_Uls_u1p15[0][0]	0		
t2_EOTEnterGainY_Uls_u1p15[0][1]	0		
t2_EOTEnterGainY_Uls_u1p15[0][2]	0		
t2_EOTEnterGainY_Uls_u1p15[0][3]	0		
t2_EOTEnterGainY_Uls_u1p15[1][0]	0		
t2_EOTEnterGainY_Uls_u1p15[1][1]	0		
t2_EOTEnterGainY_Uls_u1p15[1][2]	0		
t2_EOTEnterGainY_Uls_u1p15[1][3]	0		
t2_EOTEnterGainY_Uls_u1p15[2][0]	0		
t2_EOTEnterGainY_Uls_u1p15[2][1]	0		
t2_EOTEnterGainY_Uls_u1p15[2][2]	0		
t2_EOTEnterGainY_Uls_u1p15[2][3]	0		
t2_EOTEnterGainY_Uls_u1p15[3][0]	0		
t2_EOTEnterGainY_Uls_u1p15[3][1]	0		
t2_EOTEnterGainY_Uls_u1p15[3][2]	0		
t2_EOTEnterGainY_Uls_u1p15[3][3]	0		
t_EOTEnterGainVspd_Kph_u9p7[0]	2688		
t_EOTEnterGainVspd_Kph_u9p7[1]	7936		
t_EOTEnterGainVspd_Kph_u9p7[2]	8064		
t_EOTEnterGainVspd_Kph_u9p7[3]	8192		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0	0 ± 0.0078125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	~

Name	Input Value	
	·	
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING	
HandWheelPos_HwDeg_T_f32	-555.840027	
LimitPosition_HwDeg_T_f32	-1356.17004	
VehicleSpeed_Kph_T_f32	165.158997	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	352	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1040	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1056	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1072	
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	496	
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1472	
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1488	
t2 EOTEnterGainX HwDeg u12p4[1][3]	1504	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1136		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3392		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3408		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3424		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	96		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	272		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	288		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	304		
t2_EOTEnterGainY_Uls_u1p15[0][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768		
t_EOTEnterGainVspd_Kph_u9p7[0]	2816		
t_EOTEnterGainVspd_Kph_u9p7[1]	8320		
t_EOTEnterGainVspd_Kph_u9p7[2]	8448		
t_EOTEnterGainVspd_Kph_u9p7[3]	8576		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	1	1 ± 0.0078125	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM u16 u16XMu16YM Cnt	1	BilinearXMYM u16 u16XMu16YM Cnt	1	-

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
EOTActuatorMng SESState Uls M enum	SES NORMAL
HandWheelPos HwDeg T f32	999.460022
LimitPosition_HwDeg_T_f32	852.840027
VehicleSpeed_Kph_T_f32	183.654007
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	368
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	1088
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	1104
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1120
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	512
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	1520
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	1536
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	1552
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	1152
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	3440
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	3456
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	3472
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	112
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	320
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	336
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	352
t2_EOTEnterGainY_Uls_u1p15[0][0]	0
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768
t2_EOTEnterGainY_Uls_u1p15[1][0]	0
t2_EOTEnterGainY_Uls_u1p15[1][1]	10813
t2_EOTEnterGainY_Uls_u1p15[1][2]	21627
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768
t2_EOTEnterGainY_Uls_u1p15[2][0]	0
t2_EOTEnterGainY_Uls_u1p15[2][1]	10813
t2_EOTEnterGainY_Uls_u1p15[2][2]	21627
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768
t2_EOTEnterGainY_Uls_u1p15[3][0]	0

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[3][1]	10813		
t2 EOTEnterGainY Uls u1p15[3][2]	21627		
	32768		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1 11		
t_EOTEnterGainVspd_Kph_u9p7[0]	1280		
t_EOTEnterGainVspd_Kph_u9p7[1]	2560		
t_EOTEnterGainVspd_Kph_u9p7[2]	3840		
t_EOTEnterGainVspd_Kph_u9p7[3]	5120		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0	0 ± 0.0078125	✓

T				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED		
HandWheelPos_HwDeg_T_f32	-1440.10999		
LimitPosition HwDeg T f32	-1440.10999		
VehicleSpeed Kph T f32	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	0		
t2 EOTEnterGainX HwDeg u12p4[0][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	0		
t2 EOTEnterGainX HwDeg u12p4[1][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	0		
t2 EOTEnterGainX HwDeg u12p4[2][2]	0		
t2 EOTEnterGainX HwDeg u12p4[2][3]	0		
t2 EOTEnterGainX HwDeg u12p4[3][0]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	0		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	0		
t2_EOTEnterGainY_Uls_u1p15[0][0]	0		
t2 EOTEnterGainY Uls u1p15[0][1]	0		
t2_EOTEnterGainY_Uls_u1p15[0][2]	0		
t2_EOTEnterGainY_Uls_u1p15[0][3]	0		
t2_EOTEnterGainY_Uls_u1p15[1][0]	0		
t2 EOTEnterGainY Uls u1p15[1][1]	0		
t2_EOTEnterGainY_Uls_u1p15[1][2]	0		
t2_EOTEnterGainY_Uls_u1p15[1][3]	0		
t2_EOTEnterGainY_Uls_u1p15[2][0]	0		
t2_EOTEnterGainY_Uls_u1p15[2][1]	0		
t2_EOTEnterGainY_Uls_u1p15[2][2]	0		
t2_EOTEnterGainY_Uls_u1p15[2][3]	0		
t2 EOTEnterGainY Uls u1p15[3][0]	0		
t2_EOTEnterGainY_Uls_u1p15[3][1]	0		
t2_EOTEnterGainY_Uls_u1p15[3][2]	0		
t2_EOTEnterGainY_Uls_u1p15[3][3]	0		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	0		
t_EOTEnterGainVspd_Kph_u9p7[2]	0		
t_EOTEnterGainVspd_Kph_u9p7[3]	0		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	1	1 ± 0.0078125	•

T					✓
Actual Function	Count	Expected Function	Count	Resu	lt
none	0	*** No Call Expected ***	0		_

Test Step 2.28 (Repeat Count = 1)	√
Name	Input Value
EOTActuatorMng_SESState_Uls_M_enum	SES_EXITING

2015-06-29, 18:11:26+0530



SES_CalcEnterGain

Name	Input Value		
HandWheelPos HwDeg T f32	1440.10999		
LimitPosition HwDeg T f32	1440.10999		
VehicleSpeed Kph T f32	511.992188		
t2 EOTEnterGainX HwDeg u12p4[0][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	14400		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	14400		
t2_EOTEnterGainY_Uls_u1p15[0][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[2][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][0]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][1]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][2]	32768		
t2_EOTEnterGainY_Uls_u1p15[3][3]	32768		
t_EOTEnterGainVspd_Kph_u9p7[0]	32640		
t_EOTEnterGainVspd_Kph_u9p7[1]	32640		
t_EOTEnterGainVspd_Kph_u9p7[2]	32640		
t_EOTEnterGainVspd_Kph_u9p7[3]	32640		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	1	1 ± 0.0078125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Case 3: Path Test

Specification

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

TS3.1 324 cycles TS3.2 9 cycles TS3.3 325 cycles

Description

Vector Description

TS3.1(SESState_Uls_M_enum <> SES_DISABLED)=TRUE
TS3.2(SESState_Uls_M_enum <> SES_DISABLED)=FALSE
TS3.3DeltaHwPos_HwDeg_T_f32 = Max_m(DeltaHwPos_HwDeg_T_f32, D_ZERO_ULS_F32) =>FALSE

Test Step 3.1 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_SESState_Uls_M_enum	SES_NORMAL	
HandWheelPos_HwDeg_T_f32	-1000	
LimitPosition_HwDeg_T_f32	1300	
VehicleSpeed_Kph_T_f32	60	
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	320	
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	480	
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	960	
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440	
t2 EOTEnterGainX HwDeg u12p4[1][0]	1600	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400		
t2_EOTEnterGainY_Uls_u1p15[0][0]	0		
t2_EOTEnterGainY_Uls_u1p15[0][1]	10813		
t2_EOTEnterGainY_Uls_u1p15[0][2]	21627		
t2_EOTEnterGainY_Uls_u1p15[0][3]	32768		
t2_EOTEnterGainY_Uls_u1p15[1][0]	3277		
t2_EOTEnterGainY_Uls_u1p15[1][1]	6554		
t2_EOTEnterGainY_Uls_u1p15[1][2]	13107		
t2_EOTEnterGainY_Uls_u1p15[1][3]	16384		
t2_EOTEnterGainY_Uls_u1p15[2][0]	33		
t2_EOTEnterGainY_Uls_u1p15[2][1]	22938		
t2_EOTEnterGainY_Uls_u1p15[2][2]	26214		
t2_EOTEnterGainY_Uls_u1p15[2][3]	29491		
t2_EOTEnterGainY_Uls_u1p15[3][0]	66		
t2_EOTEnterGainY_Uls_u1p15[3][1]	98		
t2_EOTEnterGainY_Uls_u1p15[3][2]	131		
t2_EOTEnterGainY_Uls_u1p15[3][3]	164		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	0.00201416016	0.00201415992 ± 0.0078125	~

Т				V
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

Test Step 3.2 (Repeat Count = 1)	Input Value	
	·	
EOTActuatorMng_SESState_Uls_M_enum	SES_DISABLED	
HandWheelPos_HwDeg_T_f32	500	
_imitPosition_HwDeg_T_f32	200	
/ehicleSpeed_Kph_T_f32	200	
2_EOTEnterGainX_HwDeg_u12p4[0][0]	320	
2_EOTEnterGainX_HwDeg_u12p4[0][1]	480	
2_EOTEnterGainX_HwDeg_u12p4[0][2]	960	
2_EOTEnterGainX_HwDeg_u12p4[0][3]	1440	
2_EOTEnterGainX_HwDeg_u12p4[1][0]	1600	
2_EOTEnterGainX_HwDeg_u12p4[1][1]	2400	
2_EOTEnterGainX_HwDeg_u12p4[1][2]	3200	
2_EOTEnterGainX_HwDeg_u12p4[1][3]	4000	
2_EOTEnterGainX_HwDeg_u12p4[2][0]	4800	
2_EOTEnterGainX_HwDeg_u12p4[2][1]	5600	
2_EOTEnterGainX_HwDeg_u12p4[2][2]	6400	
2_EOTEnterGainX_HwDeg_u12p4[2][3]	7200	
2_EOTEnterGainX_HwDeg_u12p4[3][0]	8000	
2_EOTEnterGainX_HwDeg_u12p4[3][1]	8800	
2_EOTEnterGainX_HwDeg_u12p4[3][2]	9600	
2_EOTEnterGainX_HwDeg_u12p4[3][3]	10400	
2_EOTEnterGainY_Uls_u1p15[0][0]	0	
2_EOTEnterGainY_Uls_u1p15[0][1]	10813	
2_EOTEnterGainY_Uls_u1p15[0][2]	21627	
2_EOTEnterGainY_Uls_u1p15[0][3]	32768	
2_EOTEnterGainY_Uls_u1p15[1][0]	3277	
2_EOTEnterGainY_Uls_u1p15[1][1]	6554	
2_EOTEnterGainY_Uls_u1p15[1][2]	13107	
2 EOTEnterGainY Uls u1p15[1][3]	16384	
2_EOTEnterGainY_Uls_u1p15[2][0]	33	
2_EOTEnterGainY_Uls_u1p15[2][1]	22938	

2015-06-29, 18:11:26+0530



Name	Input Value		
t2_EOTEnterGainY_Uls_u1p15[2][2]	26214		
t2_EOTEnterGainY_Uls_u1p15[2][3]	29491		
t2_EOTEnterGainY_Uls_u1p15[3][0]	66		
t2_EOTEnterGainY_Uls_u1p15[3][1]	98		
t2_EOTEnterGainY_Uls_u1p15[3][2]	131		
t2_EOTEnterGainY_Uls_u1p15[3][3]	164		
t_EOTEnterGainVspd_Kph_u9p7[0]	0		
t_EOTEnterGainVspd_Kph_u9p7[1]	640		
t_EOTEnterGainVspd_Kph_u9p7[2]	1280		
t_EOTEnterGainVspd_Kph_u9p7[3]	2560		
Name	Actual Value	Expected Value	Result
SES_CalcEnterGain()	1	1 ± 0.0078125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.3 (Repeat Count = 1)			¥
Name	Input Value		
EOTActuatorMng_SESState_Uls_M_enum	SES_ENTERING		
HandWheelPos_HwDeg_T_f32	800.97998		
LimitPosition_HwDeg_T_f32	700.23999		
VehicleSpeed_Kph_T_f32	511.992188		
t2_EOTEnterGainX_HwDeg_u12p4[0][0]	208		
t2_EOTEnterGainX_HwDeg_u12p4[0][1]	608		
t2_EOTEnterGainX_HwDeg_u12p4[0][2]	624		
t2_EOTEnterGainX_HwDeg_u12p4[0][3]	640		
t2_EOTEnterGainX_HwDeg_u12p4[1][0]	816		
t2_EOTEnterGainX_HwDeg_u12p4[1][1]	2432		
t2_EOTEnterGainX_HwDeg_u12p4[1][2]	2448		
t2_EOTEnterGainX_HwDeg_u12p4[1][3]	2464		
t2_EOTEnterGainX_HwDeg_u12p4[2][0]	960		
t2_EOTEnterGainX_HwDeg_u12p4[2][1]	2864		
t2_EOTEnterGainX_HwDeg_u12p4[2][2]	2880		
t2_EOTEnterGainX_HwDeg_u12p4[2][3]	2896		
t2_EOTEnterGainX_HwDeg_u12p4[3][0]	368		
t2_EOTEnterGainX_HwDeg_u12p4[3][1]	1088		
t2_EOTEnterGainX_HwDeg_u12p4[3][2]	1104		
t2_EOTEnterGainX_HwDeg_u12p4[3][3]	1120		
t2_EOTEnterGainY_Uls_u1p15[0][0]	8		
t2_EOTEnterGainY_Uls_u1p15[0][1]	8		
t2_EOTEnterGainY_Uls_u1p15[0][2]	108		
t2_EOTEnterGainY_Uls_u1p15[0][3]	1049		
t2_EOTEnterGainY_Uls_u1p15[1][0]	9		
t2_EOTEnterGainY_Uls_u1p15[1][1]	9		
t2_EOTEnterGainY_Uls_u1p15[1][2]	137		
t2_EOTEnterGainY_Uls_u1p15[1][3]	1334		
t2_EOTEnterGainY_Uls_u1p15[2][0]	8		
t2_EOTEnterGainY_Uls_u1p15[2][1]	9		
t2_EOTEnterGainY_Uls_u1p15[2][2]	127		
t2_EOTEnterGainY_Uls_u1p15[2][3]	1239		
t2_EOTEnterGainY_Uls_u1p15[3][0]	10		
t2_EOTEnterGainY_Uls_u1p15[3][1]	11		
t2_EOTEnterGainY_Uls_u1p15[3][2]	186		
t2_EOTEnterGainY_Uls_u1p15[3][3]	1809		
t_EOTEnterGainVspd_Kph_u9p7[0]	1536		
t_EOTEnterGainVspd_Kph_u9p7[1]	4480		
t_EOTEnterGainVspd_Kph_u9p7[2]	4608		
t_EOTEnterGainVspd_Kph_u9p7[3]	4736		
Name	Actual Value	Expected Value	Resul
SES CalcEnterGain()	0.000305175781	0.000305175781 ± 0.0078125	

Τ			✓	
Actual Function	Count	Expected Function	Count	Result
BilinearXMYM_u16_u16XMu16YM_Cnt	1	BilinearXMYM_u16_u16XMu16YM_Cnt	1	~

2015-06-29, 18:17:01+0530





 Project
 EOTActuatorMng

 Module
 EOTActuatorMng

 Test Object
 SES_CalcExitGain

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_EOTActuatorMng\EOTActuatorMng
Configuration File	D:\Synergy_Work_Area\CBD_EOTActuatorMng\EOTActuatorMng\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)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\totatcolor\nxtrLib\include -I\$(PROJECTROOT)\\totatcolor\nxtrLib\include -I\$(PROJECTROOT)\\totatcolor\nxtrLib\include
File	\$(PROJECTROOT)\src\Ap_EOTActuatorMng.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(PROJECTROOT)\utp\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\utp\contract -I\$(Compiler Install Path)\include

Name	Text
/lodule 'EOTActuatorMng'	/**Mame of Tester:Priti Manglekar Code File(s) Under Test:Ap_EOTActuatorMng.c Code File(s) Version:19 Module Design Document:End_of_Travel_Actuator_Management_MDD.docx Module Design Document Version:25 Data Dictionary Version:21 Unit Test Plan Version:11 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 1.32 Total FLASH Used (Bytes):2914 Total RAM Used (Bytes):2914 Total CALS Used (Bytes):170 Special Test Requirements: Test Date:6/29/2015 Comments:"NOTE 1: Inline functions defined in GlobalMacro.h are not unittested. NOTE 2: ""CBD_Sandbox_dbg.map"" is embedded for reference."

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	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2	
Time Unit	Cycles	

2015-06-29, 18:17:01+0530

Razorcat

SES_CalcExitGain

Attributes		
Name	Value	
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_EOTActuatorMng\EOTActuatorMng\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Metrics Test

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

TS1.1 94 cycles TS1.2 166 cycles

Description Vector Description

TS1.1"Shortest Execution Path:
(HandWheelPos2_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> FALSE"
TS1.2"Longest Execution Path:
(HandWheelPos2_HwDeg_T_f32 < D_ZERO_ULS_F32) ==> TRUE"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	25165824		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f3:	2	
HandWheelPos_HwDeg_T_f32	150.5		
HwTorque_HwNm_T_f32	-1.20000005		
PrevEOTGain_Uls_T_f32	0.20000003		
k_EOTStateHwTrqLPFKn_Cnt_u16	20583		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	16		
t_TrqTblY_Uls_u2p14[1]	33		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	10942971	10942971 ± 1	~
SES_CalcExitGain()	0.20000003	0.20000003	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	0.6484375	0.6484375	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-25165824		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-150.5		
HwTorque_HwNm_T_f32	1.2999995		
PrevEOTGain_Uls_T_f32	0.100000001		
k_EOTStateHwTrqLPFKn_Cnt_u16	20583		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	512		
t_TrqTblY_Uls_u2p14[0]	426		
t_TrqTblY_Uls_u2p14[1]	344		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-24095508	-24095508 ± 1	~
SES_CalcExitGain()	0.100000001	0.100000001	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-1.4375	-1.4375	~

T						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		



Test Case 2: Boundary Test

Specification

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

TS2.1 97 cycles
TS2.2 97 cycles
TS2.2 97 cycles
TS2.3 97 cycles
TS2.4 166 cycles
TS2.5 163 cycles
TS2.6 105 cycles
TS2.7 108 cycles
TS2.9 166 cycles
TS2.10 166 cycles
TS2.11 166 cycles
TS2.12 109 cycles
TS2.12 109 cycles
TS2.12 109 cycles
TS2.14 109 cycles
TS2.15 108 cycles
TS2.16 108 cycles
TS2.17 97 cycles
TS2.19 97 cycles
TS2.19 97 cycles
TS2.19 97 cycles
TS2.19 97 cycles
TS2.10 cycles
TS2.20 108 cycles
TS2.21 163 cycles
TS2.21 163 cycles
TS2.22 105 cycles
TS2.23 94 cycles
TS2.24 105 cycles
TS2.27 163 cycles
TS2.27 163 cycles
TS2.27 163 cycles
TS2.29 94 cycles
TS2.29 94 cycles
TS2.29 94 cycles

Description

Vector Description

TS2.1HandWheelPos2_HwDeg_T_f32 min TS2.2HandWheelPos2_HwDeg_T_f32 max TS2.3HandWheelPos2_HwDeg_T_f32 rero TS2.4HandWheelPos2_HwDeg_T_f32 reg TS2.5HandWheelPos2_HwDeg_T_f32 neg TS2.5HandWheelPos2_HwDeg_T_f32 pos TS2.6HwTorque_HwNm_T_f32 min TS2.7HwTorque_HwNm_T_f32 rero TS2.9HwTorque_HwNm_T_f32 reg TS2.9HwTorque_HwNm_T_f32 pos TS2.10HwTorque_HwNm_T_f32 pos TS2.11PrevEOTGain_Uls_T_f32 max TS2.12PrevEOTGain_Uls_T_f32 pos TS2.13PrevEOTGain_Uls_T_f32 pos TS2.14FitHWTrqSV_HwNm_M_s7p24 min TS2.15FitHWTrqSV_HwNm_M_s7p24 max TS2.15FiltHWTrqSV_HwNm_M_s7p24 max TS2.16

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4



Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	25165824		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f3	2	
HandWheelPos_HwDeg_T_f32	1440.10999		
HwTorque_HwNm_T_f32	-1.25399995		
PrevEOTGain_Uls_T_f32	0.20000003		
k_EOTStateHwTrqLPFKn_Cnt_u16	2436		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTbIY_Uls_u2p14[0]	33		
t_TrqTbIY_Uls_u2p14[1]	328		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	23448444	23448444 ± 1	~
SES_CalcExitGain()	0.20000003	0.20000003	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	1.39453125	1.39453125	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-150994944		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	0		
HwTorque_HwNm_T_f32	2.35400009		
PrevEOTGain_Uls_T_f32	0.30000012		
k_EOTStateHwTrqLPFKn_Cnt_u16	9999		
t_TrqTableX_HwNm_u8p8[0]	1024		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTbIY_UIs_u2p14[0]	49		
t_TrqTbIY_UIs_u2p14[1]	492		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-121937850	-121937850 ± 1	~
SES_CalcExitGain()	0.30000012	0.30000012	✓
tgt FiltHwTrgPtr HwNm T f32	-7.26953125	-7.26953125	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	150994944		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-1000.09998		
HwTorque_HwNm_T_f32	-2.1559999		
PrevEOTGain_Uls_T_f32	0.40000006		
k_EOTStateHwTrqLPFKn_Cnt_u16	8888		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTblY_Uls_u2p14[0]	66		
t_TrqTblY_Uls_u2p14[1]	655		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	135414280	135414280 ± 1	~
SES_CalcExitGain()	0.40000006	0.40000006	•
tgt_FiltHwTrqPtr_HwNm_T_f32	8.0703125	8.0703125	✓

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.5 (Repeat Count = 1)			V
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-134217728		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	1000.09998		
HwTorque_HwNm_T_f32	3.65100002		
PrevEOTGain_Uls_T_f32	0.5		
k_EOTStateHwTrqLPFKn_Cnt_u16	7777		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	82		
t_TrqTblY_Uls_u2p14[1]	819		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-111026714	-111026714 ± 1	~
SES_CalcExitGain()	0.5	0.5	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-6.62109375	-6.62109375	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	134217728		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	900.122986		
HwTorque_HwNm_T_f32	-10		
PrevEOTGain_Uls_T_f32	0.600000024		
k_EOTStateHwTrqLPFKn_Cnt_u16	6666		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1024		
t_TrqTbIY_UIs_u2p14[0]	98		
t_TrqTbIY_UIs_u2p14[1]	16		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	103500800	103500800 ± 1	~
SES_CalcExitGain()	0.600000024	0.600000024	✓
tgt FiltHwTrgPtr HwNm T f32	6.16796875	6.16796875	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-117440512		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	-900.257996		
HwTorque_HwNm_T_f32	10		
PrevEOTGain_Uls_T_f32	0.69999988		
k_EOTStateHwTrqLPFKn_Cnt_u16	5555		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	768		
t_TrqTblY_Uls_u2p14[0]	115		
t_TrqTblY_Uls_u2p14[1]	33		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-121706752	-121706752 ± 1	~
SES_CalcExitGain()	0.69999988	0.69999988	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-7.2578125	-7.2578125	~

T .					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.8 (Repeat Count = 1)			V
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	117440512		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	800.323975		
HwTorque_HwNm_T_f32	0		
PrevEOTGain_Uls_T_f32	0.800000012		
k_EOTStateHwTrqLPFKn_Cnt_u16	4444		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	512		
t_TrqTbIY_Uls_u2p14[0]	131		
t_TrqTbIY_Uls_u2p14[1]	49		
Name	Actual Value E	xpected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	109476864 10	09476864 ± 1	~
SES_CalcExitGain()	0.800000012 0.	80000012	~
tgt_FiltHwTrqPtr_HwNm_T_f32	6.5234375 6.	5234375	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-100663296		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-800.254028		
HwTorque_HwNm_T_f32	-5.0999999		
PrevEOTGain_UIs_T_f32	0.89999976		
k_EOTStateHwTrqLPFKn_Cnt_u16	3333		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTbIY_UIs_u2p14[0]	147		
t_TrqTbIY_Uls_u2p14[1]	66		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-91194243	-91194243 ± 1	~
SES_CalcExitGain()	0.89999976	0.89999976	✓
tgt FiltHwTrgPtr HwNm T f32	-5.4375	-5.4375	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	100663296		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	700.025024		
HwTorque_HwNm_T_f32	5.0999999		
PrevEOTGain_Uls_T_f32	0.150000006		
k_EOTStateHwTrqLPFKn_Cnt_u16	2222		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTblY_Uls_u2p14[0]	164		
t_TrqTbIY_UIs_u2p14[1]	82		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	100150014	100150014 ± 1	~
SES_CalcExitGain()	0.150000006	0.150000006	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	5.96875	5.96875	✓

T .					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	





Test Step 2.11 (Repeat Count = 1)			V
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-83886080		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-700.841003		
HwTorque_HwNm_T_f32	-3.35400009		
PrevEOTGain_Uls_T_f32	0		
k_EOTStateHwTrqLPFKn_Cnt_u16	1111		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	98		
t_TrqTblY_Uls_u2p14[1]	180		
Name	Actual Value Ex	xpected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-81510762 -8	1510762 ± 1	~
SES_CalcExitGain()	0.00891113281 0.0	00891113281	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-4.859375 -4.	.859375	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83886080		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	600.122986		
HwTorque_HwNm_T_f32	4.85400009		
PrevEOTGain_UIs_T_f32	1		
k_EOTStateHwTrqLPFKn_Cnt_u16	1000		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	1024		
t_TrqTbIY_Uls_u2p14[0]	197		
t_TrqTbIY_Uls_u2p14[1]	115		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83848080	83848080 ± 1	·
SES_CalcExitGain()	1	1	✓
tgt FiltHwTrqPtr HwNm T f32	4.99609375	4.99609375	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.13 (Repeat Count = 1)			V
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-67108864		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-600.153992		
HwTorque_HwNm_T_f32	-4.64400005		
PrevEOTGain_Uls_T_f32	0.5		
k_EOTStateHwTrqLPFKn_Cnt_u16	900		
t_TrqTableX_HwNm_u8p8[0]	2048		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTblY_Uls_u2p14[0]	213		
t_TrqTblY_Uls_u2p14[1]	131		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-65118064	-65118064 ± 1	~
SES_CalcExitGain()	0.5	0.5	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-3.8828125	-3.8828125	~

T .					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.14 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167772160		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-300.153992		
HwTorque_HwNm_T_f32	-8.85400009		
PrevEOTGain_Uls_T_f32	0.75		
k_EOTStateHwTrqLPFKn_Cnt_u16	800		
t_TrqTableX_HwNm_u8p8[0]	1536		
t_TrqTableX_HwNm_u8p8[1]	2048		
t_TrqTbIY_Uls_u2p14[0]	229		
t_TrqTbIY_UIs_u2p14[1]	147		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-163911360	-163911360 ± 1	~
SES_CalcExitGain()	0.75	0.75	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-9.7734375	-9.7734375	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	200.510101		
HwTorque_HwNm_T_f32	9.35099983		
PrevEOTGain_Uls_T_f32	0.850000024		
k_EOTStateHwTrqLPFKn_Cnt_u16	700		
t_TrqTableX_HwNm_u8p8[0]	1280		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	246		
t_TrqTblY_Uls_u2p14[1]	164		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167655260	167655260 ± 1	~
SES_CalcExitGain()	0.850000024	0.850000024	~
tgt FiltHwTrgPtr HwNm T f32	9.9921875	9.9921875	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	0		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	-200.873993		
HwTorque_HwNm_T_f32	-9.14700031		
PrevEOTGain_Uls_T_f32	0.94999988		
k_EOTStateHwTrqLPFKn_Cnt_u16	600		
t_TrqTableX_HwNm_u8p8[0]	512		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTbIY_UIs_u2p14[0]	262		
t_TrqTbIY_Uls_u2p14[1]	180		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	1404600	1404600 ± 1	~
SES_CalcExitGain()	0.94999988	0.94999988	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	0.08203125	0.08203125	~

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 2.17 (Repeat Count = 1)			V
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-52009369		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	100.357002		
HwTorque_HwNm_T_f32	1.5		
PrevEOTGain_Uls_T_f32	0.109999999		
k_EOTStateHwTrqLPFKn_Cnt_u16	500		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	279		
t_TrqTblY_Uls_u2p14[1]	197		
Name	Actual Value Exp	pected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-51420369 -514	120370 ± 1	~
SES_CalcExitGain()	0.109999999 0.10	9999999	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-3.06640625 -3.06	6640625	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	52009369		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-100.158997		
HwTorque_HwNm_T_f32	-1.5		
PrevEOTGain_Uls_T_f32	0.21999999		
k_EOTStateHwTrqLPFKn_Cnt_u16	400		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	1024		
t_TrqTbIY_Uls_u2p14[0]	295		
t_TrqTbIY_Uls_u2p14[1]	213		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	51845769	51845770 ± 1	~
SES_CalcExitGain()	0.21999999	0.219999999	✓
tgt FiltHwTrqPtr HwNm T f32	3.08984375	3.08984375	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.19 (Repeat Count = 1)			~
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	67108864		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	111.851997		
HwTorque_HwNm_T_f32	2.5		
PrevEOTGain_Uls_T_f32	0.330000013		
k_EOTStateHwTrqLPFKn_Cnt_u16	82		
t_TrqTableX_HwNm_u8p8[0]	1536		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTblY_Uls_u2p14[0]	311		
t_TrqTblY_Uls_u2p14[1]	229		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	67077376	67077376 ± 1	~
SES_CalcExitGain()	0.330000013	0.330000013	~
tgt_FiltHwTrqPtr_HwNm_T_f32	3.99609375	3.99609375	~

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	





Test Step 2.20 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-67108864	
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	
HandWheelPos_HwDeg_T_f32	-222.854004	
HwTorque_HwNm_T_f32	-2.5	
PrevEOTGain_Uls_T_f32	0.439999998	
k_EOTStateHwTrqLPFKn_Cnt_u16	30573	
t_TrqTableX_HwNm_u8p8[0]	0	
t_TrqTableX_HwNm_u8p8[1]	512	
t_TrqTblY_Uls_u2p14[0]	328	
t_TrqTblY_Uls_u2p14[1]	246	
Name	Actual Value Expected Va	alue Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-16235392 -16235392 ± 1	✓
SES_CalcExitGain()	0.439999998 0.439999998	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	-0.96875 -0.96875	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.21 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83886080		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	333.354004		
HwTorque_HwNm_T_f32	3.5		
PrevEOTGain_Uls_T_f32	0.550000012		
k_EOTStateHwTrqLPFKn_Cnt_u16	20583		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	2304		
t_TrqTbIY_UIs_u2p14[0]	344		
t_TrqTbIY_UIs_u2p14[1]	262		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	75982208	75982208 ± 1	~
SES_CalcExitGain()	0.550000012	0.550000012	✓
tgt FiltHwTrgPtr HwNm T f32	4.52734375	4.52734375	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-83886080		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-333.156006		
HwTorque_HwNm_T_f32	-3.5		
PrevEOTGain_Uls_T_f32	0.660000026		
k_EOTStateHwTrqLPFKn_Cnt_u16	100		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	0		
t_TrqTblY_Uls_u2p14[0]	360		
t_TrqTblY_Uls_u2p14[1]	279		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-83668480	-83668480 ± 1	•
SES_CalcExitGain()	0.660000026	0.660000026	•
tgt_FiltHwTrqPtr_HwNm_T_f32	-4.98828125	-4.98828125	•

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	100663296		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	444.854004		
HwTorque_HwNm_T_f32	4.5		
PrevEOTGain_Uls_T_f32	0.769999981		
k_EOTStateHwTrqLPFKn_Cnt_u16	200		
t_TrqTableX_HwNm_u8p8[0]	2560		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTbIY_Uls_u2p14[0]	377		
t_TrqTblY_Uls_u2p14[1]	295		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	100586496	100586496 ± 1	~
SES_CalcExitGain()	0.769999981	0.769999981	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	5.9921875	5.9921875	~

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.24 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-100663296		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-555.953979		
HwTorque_HwNm_T_f32	-5.5		
PrevEOTGain_UIs_T_f32	0.879999995		
k_EOTStateHwTrqLPFKn_Cnt_u16	300		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	256		
t_TrqTblY_Uls_u2p14[0]	393		
t_TrqTblY_Uls_u2p14[1]	311		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-99780096	-99780096 ± 1	✓
SES_CalcExitGain()	0.87999995	0.879999995	~
tgt FiltHwTrqPtr HwNm T f32	-5.94921875	-5.94921875	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	33554432		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	600.356995		
HwTorque_HwNm_T_f32	2.0999999		
PrevEOTGain_Uls_T_f32	0.709999979		
k_EOTStateHwTrqLPFKn_Cnt_u16	310		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	512		
t_TrqTblY_Uls_u2p14[0]	0		
t_TrqTblY_Uls_u2p14[1]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	33562182	33562182 ± 1	•
SES_CalcExitGain()	0.709999979	0.709999979	•
tgt FiltHwTrqPtr HwNm T f32	2	2	•

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.26 (Repeat Count = 1)		. ✓
Name	Input Value	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83886080	
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	
HandWheelPos_HwDeg_T_f32	650.156006	
HwTorque_HwNm_T_f32	3.20000005	
PrevEOTGain_Uls_T_f32	0.610000014	
k_EOTStateHwTrqLPFKn_Cnt_u16	410	
t_TrqTableX_HwNm_u8p8[0]	1024	
t_TrqTableX_HwNm_u8p8[1]	1280	
t_TrqTblY_Uls_u2p14[0]	16384	
t_TrqTblY_Uls_u2p14[1]	16384	
Name	Actual Value Expecto	ed Value Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	83697070 8369707	'0 ± 1
SES_CalcExitGain()	1 1	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	4.98828125 4.98828	125

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-50331648		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	700.354004		
HwTorque_HwNm_T_f32	4.4000001		
PrevEOTGain_Uls_T_f32	0.50999999		
k_EOTStateHwTrqLPFKn_Cnt_u16	520		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1536		
t_TrqTbIY_UIs_u2p14[0]	16		
t_TrqTbIY_UIs_u2p14[1]	33		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-49346768	-49346768 ± 1	~
SES_CalcExitGain()	0.50999999	0.50999999	✓
tgt FiltHwTrgPtr HwNm T f32	-2.94140625	-2.94140625	✓

T				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.28 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167772160		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	-1440.10999		
HwTorque_HwNm_T_f32	-10		
PrevEOTGain_Uls_T_f32	0		
k_EOTStateHwTrqLPFKn_Cnt_u16	82		
t_TrqTableX_HwNm_u8p8[0]	0		
t_TrqTableX_HwNm_u8p8[1]	0		
t_TrqTblY_Uls_u2p14[0]	0		
t_TrqTbIY_UIs_u2p14[1]	0		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-167352320	-167352320 ± 1	~
SES_CalcExitGain()	0	0	~
tgt_FiltHwTrqPtr_HwNm_T_f32	-9.9765625	-9.9765625	~

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	1440.10999		
HwTorque_HwNm_T_f32	10		
PrevEOTGain_Uls_T_f32	1		
k_EOTStateHwTrqLPFKn_Cnt_u16	30573		
t_TrqTableX_HwNm_u8p8[0]	2560		
t_TrqTableX_HwNm_u8p8[1]	2560		
t_TrqTblY_Uls_u2p14[0]	16384		
t_TrqTblY_Uls_u2p14[1]	16384		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	167772160	167772160 ± 1	✓
SES_CalcExitGain()	1	1	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	10	10	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Case 3: Path Test

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

TS3.1 94 cycles TS3.2 94 cycles TS3.3 163 cycles

Description Vector Description

 $\label{thm:continuity:equation:continuity:eq$

Test Step 3.1 (Repeat Count = 1)			
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-25165824		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32		
HandWheelPos_HwDeg_T_f32	-150		
HwTorque_HwNm_T_f32	1		
PrevEOTGain_UIs_T_f32	0.10000001		
k_EOTStateHwTrqLPFKn_Cnt_u16	20583		
t_TrqTableX_HwNm_u8p8[0]	768		
t_TrqTableX_HwNm_u8p8[1]	1792		
t_TrqTblY_Uls_u2p14[0]	0		
t_TrqTblY_Uls_u2p14[1]	16384		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-22531200	-22531200 ± 1	✓
SES_CalcExitGain()	0.10000001	0.10000001	✓
tgt FiltHwTrgPtr HwNm T f32	-1.34375	-1.34375	•

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 3.2 (Repeat Count = 1)		✓
Name	Input Value	
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	25165824	
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	
HandWheelPos_HwDeg_T_f32	150	
HwTorque_HwNm_T_f32	-1	
PrevEOTGain_Uls_T_f32	0.200000003	
k_EOTStateHwTrqLPFKn_Cnt_u16	20583	
t_TrqTableX_HwNm_u8p8[0]	768	
t_TrqTableX_HwNm_u8p8[1]	1792	
t_TrqTblY_Uls_u2p14[0]	0	

TEST DETAILS REPORT

2015-06-29, 18:17:01+0530





Name	Input Value				
t_TrqTblY_Uls_u2p14[1]	16384				
Name	Actual Value	Expected Value	Result		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	11992704	11992704 ± 1	✓		
SES_CalcExitGain()	0.20000003	0.20000003	✓		
tgt_FiltHwTrqPtr_HwNm_T_f32	0.7109375	0.7109375	~		

T					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-83886080		
FiltHwTrqPtr_HwNm_T_f32	tgt_FiltHwTrqPtr_HwNm_T_f32	2	
HandWheelPos_HwDeg_T_f32	-700.841003		
HwTorque_HwNm_T_f32	-3.35400009		
PrevEOTGain_UIs_T_f32	0		
k_EOTStateHwTrqLPFKn_Cnt_u16	1111		
t_TrqTableX_HwNm_u8p8[0]	256		
t_TrqTableX_HwNm_u8p8[1]	1280		
t_TrqTblY_Uls_u2p14[0]	180		
t_TrqTblY_Uls_u2p14[1]	98		
Name	Actual Value	Expected Value	Result
EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24	-81510762	-81510762 ± 1	✓
SES_CalcExitGain()	0.00805664063	0.00805664063	✓
tgt_FiltHwTrqPtr_HwNm_T_f32	-4.859375	-4.859375	✓

T					V
Actual Function	Count	Expected Function	Cour	t Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		~