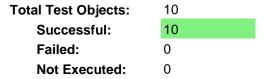


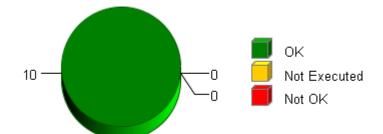
Summary

Overall Test Object Results (including Coverage)



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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"

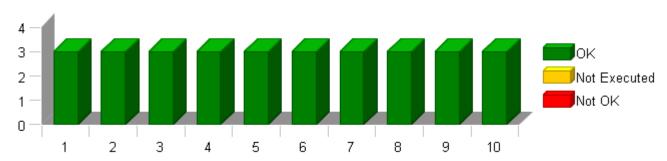
Test Object "CBD UnitTest/EOTActuatorMng/SES FiltEOTGain"

Test Object "CBD_UnitTest/EOTActuatorMng/SES_StateCtrl"

Used Test Environments

TI TMS 570 PLS UDE (Default)

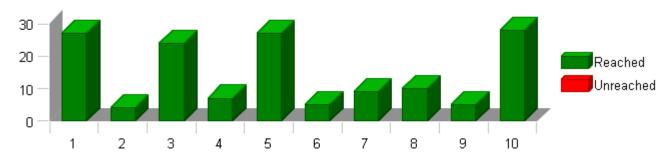
Test Case Results for Each Test Object (without Coverage)



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).

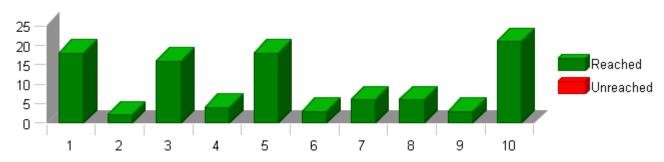


Statement (C0) Coverage: Total Statements for Each Test Object



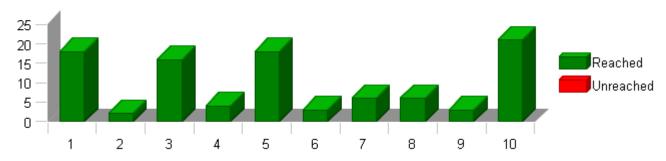
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

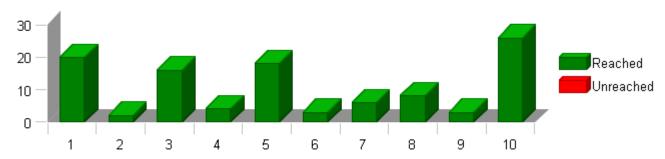


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



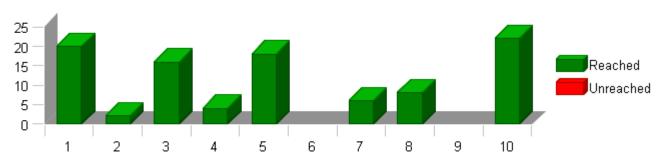
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 OVERVIEW REPORT

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Project EOTActuatorMng

Test Object List

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

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

| No. | Name | C0 | C1 | DC | MC/DC | MCC | Test Cases | Result |
|-----|-------------------------|-------|-------|-------|-------|-------|-----------------|--------|
| | 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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 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 | 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.tpl |
| Target Install Path | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre> |
| Time Unit | Cvcles |

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Razorcat

| 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) | | ✓ |
|------------------------------------|-----------------------------|--------|
| 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 | |
| Name | Actual Value Expected Value | Result |
| SES_CalcEnterGain() | 1 1 ± 0.0078125 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | |

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| Name | Input Value | | |
|--|---------------|---------------------------|--------|
| t2 EOTEnterGainX HwDeg u12p4[0][1] | 16 | | |
| t2_EOTEnterGainX_TwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 32 | | |
| t2 EOTEnterGainX HwDeg u12p4[0][3] | 48 | | |
| t2 EOTEnterGainX_nwbeg_u12p4[0][0] | 64 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 80 | | |
| t2 EOTEnterGainX_nwbeg_u12p4[1][2] | 96 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[1][2] | 112 | | |
| t2_EOTEnterGainX_nwbeg_u12p4[1][5] t2_EOTEnterGainX_Hwbeg_u12p4[2][0] | 128 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 144 | | |
| t2 EOTEnterGainX_nwDeg_u12p4[2][1] | 160 | | |
| | 176 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 192 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | | | |
| 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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
TS2.2 325 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) | · · · · · · | |
|-----------------------------------|-------------|--|
| lame | Input Value | |
| OTActuatorMng_SESState_Uls_M_enum | SES_NORMAL | |
| landWheelPos_HwDeg_T_f32 | -1440.10999 | |
| imitPosition_HwDeg_T_f32 | 1440.10999 | |
| 'ehicleSpeed_Kph_T_f32 | 100.218399 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][0] | 32 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 80 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 96 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 112 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 640 | |
| 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] | 784 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 2336 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 2352 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 2368 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 192 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 560 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 576 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 592 | |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 0 | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 3 | |
| 2_EOTEnterGainY_Uls_u1p15[0][2] | 4 | |
| 2 EOTEnterGainY Uls u1p15[0][3] | 5 | |

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| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| 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 |





| Test Step Call Trace | | | | 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 UIs M enum | SES NORMAL | | |
| | 0 | | |
| HandWheelPos_HwDeg_T_f32 LimitPosition HwDeg T f32 | 1200.33997 | | |
| | 80.0456009 | | |
| VehicleSpeed_Kph_T_f32 | 64 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 176 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 192 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 208 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 672 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | | | |
| 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_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 | | |
| 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 | Resul |
| SES CalcEnterGain() | 0.0291137695 | 0.0291137695 ± 0.0078125 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | 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 | |

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| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| 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 |

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| 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 | ~ |

| Test Step Call Trace | | | | | ✓ |
|----------------------|-----------------------------|-------|---------------------------------|-------|----------|
| Act | tual Function | Count | Expected Function | Count | Result |
| Bilir | nearXMYM_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 | - Nesur |
| JEO_GaloEntol Galil() | 0.0070112700 | 0.0070112730 ± 0.0070123 | · · · · · · |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 |

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| 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 ± 0.0078125 | ~ |

| Test Step Call Trace | | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|--|
| 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 | |

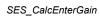
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| Name | Input Value | | |
|----------------------------------|----------------|----------------------------|--------|
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 69 | | |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 668 | | |
| t2_EOTEnterGainY_Uls_u1p15[1][0] | 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 | ~ |

| Test Step Call Trace | | | | | V |
|---------------------------------|-------|---------------------------------|-------|------|-----|
| Actual Function | Count | Expected Function | Count | Resi | ılt |
| 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 | ~ |





| Test Step Call Trace | | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|--|
| 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 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | |

SES_CalcEnterGain

SES_CalcEnterGain()

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Result

| 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 |
| | |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

Actual Value

0.0291137695

Expected Value

0.0291137695 ± 0.0078125

| Test Step 2.12 (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 |

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| 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 | ~ |

| Test Step Call Trace | | | | | | ✓ |
|----------------------|---------------------------------|-------|---------------------------------|-------|------|----------|
| | Actual Function | Count | Expected Function | Count | Resu | lt |
| Ī | 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 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_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, 18:37:20+0530



| HandWheelPos_HwDeg_T_f32 LimitPosition_HwDeg_T_f32 VehicleSpeed_Kph_T_f32 12_EOTEnterGainX_HwDeg_u12p4[0][0] 12_EOTEnterGainX_HwDeg_u12p4[0][1] 12_EOTEnterGainX_HwDeg_u12p4[0][2] 12_EOTEnterGainX_HwDeg_u12p4[0][3] 12_EOTEnterGainX_HwDeg_u12p4[1][0] 12_EOTEnterGainX_HwDeg_u12p4[1][1] 12_EOTEnterGainX_HwDeg_u12p4[1][2] 12_EOTEnterGainX_HwDeg_u12p4[1][2] 12_EOTEnterGainX_HwDeg_u12p4[1][3] 12_EOTEnterGainX_HwDeg_u12p4[1][3] 12_EOTEnterGainX_HwDeg_u12p4[2][0] | Input Value 500.339996 200.979996 200.024994 240 704 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
|--|--|----------------|--------|
| LimitPosition_HwDeg_T_f32 VehicleSpeed_Kph_T_f32 t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 200.979996 200.024994 240 704 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| VehicleSpeed_Kph_T_f32 12_EOTEnterGainX_HwDeg_u12p4[0][0] 12_EOTEnterGainX_HwDeg_u12p4[0][1] 12_EOTEnterGainX_HwDeg_u12p4[0][2] 12_EOTEnterGainX_HwDeg_u12p4[0][3] 12_EOTEnterGainX_HwDeg_u12p4[1][0] 12_EOTEnterGainX_HwDeg_u12p4[1][1] 12_EOTEnterGainX_HwDeg_u12p4[1][2] 12_EOTEnterGainX_HwDeg_u12p4[1][2] 12_EOTEnterGainX_HwDeg_u12p4[1][3] 12_EOTEnterGainX_HwDeg_u12p4[2][0] | 200.024994 240 704 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 240 704 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 704 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 720 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 736 848 2528 2544 2560 992 2960 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 848 2528 2544 2560 992 2960 2976 2992 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 2528 2544 2560 992 2960 2976 2992 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 2544 2560 992 2960 2976 2992 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 2560 992 2960 2976 2992 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 992 2960 2976 2992 400 | | |
| | 2960 2976 2992 400 | | |
| | 2976 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 2992 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 400 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | | | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | | | |
| | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

| Test Step 2.15 (Repeat Count = 1) | | ✓ |
|------------------------------------|-------------|---|
| 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

Name

SES_CalcEnterGain()

2015-06-29, 18:37:20+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 t_EOTEnterGainVspd_Kph_u9p7[3]

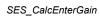
| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

Actual Value

0.000335693359

5504

| Test Step 2.16 (Repeat Count = 1) | | ✓ |
|------------------------------------|-------------------------------|-----------|
| Name | 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 | |
| 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 | ue Result |
| SES_CalcEnterGain() | 0.0639038086 ± 0.0639038086 ± | 0.0078125 |





| Test Step Call Trace | | | | 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 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | |

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| N | Invest Walter | | |
|------------------------------------|----------------|----------------------------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| 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 |

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| 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 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 |
| | 0.0726013184 | 0.0726013184 ± 0.0078125 | Nesuit |
| SES_CalcEnterGain() | 0.0720013104 | U.U/20013104 ± U.UU/0123 | |

| Test Step Call Trace | | | | 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 |

SES CalcEnterGain

t_EOTEnterGainVspd_Kph_u9p7[2]

t_EOTEnterGainVspd_Kph_u9p7[3]

SES_CalcEnterGain()

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Input Value HandWheelPos_HwDeg_T_f32 -222.190002 LimitPosition_HwDeg_T_f32 -999.640015 433.85199 VehicleSpeed_Kph_T_f32 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] n 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] n 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 10 t2_EOTEnterGainY_Uls_u1p15[0][1] t2_EOTEnterGainY_Uls_u1p15[0][2] 176 t2_EOTEnterGainY_Uls_u1p15[0][3] 1714 t2_EOTEnterGainY_Uls_u1p15[1][0] 11 11 t2_EOTEnterGainY_Uls_u1p15[1][1] 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

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

0.000305175781

Expected Value

0.000305176014 ± 0.0078125

6912

7040 Actual Value

| 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 |

Result

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| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| 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 | |
|--|-----------------------------|---------------|
| 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 Val | ue Result |
| SES CalcEnterGain() | 0.0812988281 0.0812988281 ± | ± 0.0078125 ✓ |



| Test Step Call Trace | | | | 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 | - |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | |
| 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 | |

SES_CalcEnterGain

SES_CalcEnterGain()

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| 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 |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | _ |

1 ± 0.0078125

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 |

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| Name | Input Value | | |
|----------------------------------|--------------|----------------|--------|
| t2_EOTEnterGainY_Uls_u1p15[3][1] | 10813 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 21627 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 32768 | | |
| 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 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | |

| Test Step 2.28 (Repeat Count = 1) | ✓ |
|------------------------------------|-------------|
| Name | Input Value |
| EOTActuatorMng_SESState_Uls_M_enum | SES_EXITING |

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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 | • |
| | | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | |

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| Name | Input Value | | |
|-------------------------------------|---------------|---------------------------|--------|
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 2400 | | |
| t2_EOTEnterGainX_nwbcg_u12p4[1][1] | 3200 | | |
| t2_EOTEnterGainX_1WDeg_u12p4[1][3] | 4000 | | |
| t2_EOTEnterGainX_nwbeg_u12p4[2][0] | 4800 | | |
| t2_EOTEnterGainX_I WDeg_u12p4[2][0] | 5600 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[2][2] | 6400 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[2][3] | 7200 | | |
| t2_EOTEnterGainX_nwbeg_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 | ~ |

| Test Step Call Trace | | | | 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) | <u> </u> |
|------------------------------------|--------------|
| Name | Input Value |
| EOTActuatorMng_SESState_Uls_M_enum | SES_DISABLED |
| HandWheelPos_HwDeg_T_f32 | 500 |
| LimitPosition_HwDeg_T_f32 | 200 |
| VehicleSpeed_Kph_T_f32 | 200 |
| 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 |

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| 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 | ~ |

| Test Step Call Trace | | | 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 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 | | |
| 12_EOTEnterGainX_HwDeg_u12p4[1][2] | 2448 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[1][3] | 2464 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 960 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[2][1] | 2864 | | |
| t2 EOTEnterGainX_HwDeg_u12p4[2][2] | 2880 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 2896 | | |
| 2 EOTEnterGainX HwDeg u12p4[3][0] | 368 | | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 1088 | | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 1104 | | |
| 2 EOTEnterGainX HwDeg u12p4[3][3] | 1120 | | |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 8 | | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 8 | | |
| 2 EOTEnterGainY Uls u1p15[0][2] | 108 | | |
| 2_EOTEnterGainY_Uls_u1p15[0][3] | 1049 | | |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | 9 | | |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 9 | | |
| 2_EOTEnterGainY_Uls_u1p15[1][2] | 137 | | |
| 2 EOTEnterGainY Uls u1p15[1][3] | 1334 | | |
| 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] | 10 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][1] | 11 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 186 | | |
| 2_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 | Resu |
| SES CalcEnterGain() | 0.000305175781 | 0.000305175781 ± 0.0078125 | 11000 |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

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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

| 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)\\strLib\include -I\$(PROJECTROOT)\\up\\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\up\\contract -I\$(Compiler Install Path)\\include |
| File | \$(PROJECTROOT)\src\Ap_EOTActuatorMng.c |
| Compiler Options | -D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\\strLib\include -I\$(PROJECTROOT)\\up\\contract \Ap_EOT\(\text{ActuatorMng} -I\\$(PROJECTROOT)\\up\\contract -I\\$(Compiler Install Path)\\undersigned Path)\\undersigned Path)\\undersigned Path)\\undersigned Path \undersigned Path \undersigned |

| 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 | \$(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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |

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EOTActuatorMng_Per1



| 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

| 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_EOTDefitPosition_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 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 |
| 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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EOTActuatorMng_Per1

| 20 // totadio////// | | • | |
|---|--------------|---------------------------|-------|
| 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] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 983 | 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 | | |
| 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 | | |
| 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] | 983 983 | | |
| t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] | 983 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 983 | | |
| t2 EOTPosDepDmpTbIY 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_SpdIptTbIXTbI_HwDeg_u12p4[0] | 2880 | | |
| t_SpdIptTblXTbl_HwDeg_u12p4[1] | | 2880 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 65520 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 65520 | | |
| t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] | 2560 | 2560 | |
| t TrqTblY Uls u2p14[0] | 16384 | | |
| t_TrqTblY_Uls_u2p14[1] | 16384 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -500.440002 | | |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 500.049988 | | |
| 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 | -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 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 8.02000046 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDa | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGa | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLin | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_Hw | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_C | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwE target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng Per1_CwFound_Cn | | | |
| target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_CwFound_Cn | | , | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per LEOTDIsable target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per HandWheelAi | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Peri HandWheelPo | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_H | _ | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel Mtr | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampN | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed | | | |
| Name | Actual Value | Expected Value | Resul |
| 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 u1n31 | 2147492649 | 2147402640 ± 1 | |

| 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 | ~ |

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EOTActuatorMng_Per1

| 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 | ✓ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|--------|
| 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_EOTEItierGain1_Uis_u1p15[2][3] | 32768 |

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EOTActuatorMng_Per1

| Name | Input Value | | |
|--|--|----------------------------|---------------------------------------|
| t2_EOTEnterGainY_Uls_u1p15[3][0] | 0 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][1] | 10813 | 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 | | |
| | 512 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 94 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | | | |
| 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_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 | | |
| 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 | | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 0 | | |
| | 640 | | |
| t_EOTEnterCainVand_Keb_u9p7[1] | 1280 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 2816 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 400 | | |
| t_SpdIptTblXTbl_HwDeg_u12p4[1] | 800 | | |
| t_SpdIptTblYTbl_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_TrqTbIY_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 | 1 | | |
| target EOTActuatorMng Per1 VehicleSpeed Kph f32.value | 10.5 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | | amning MtrNm f32 | |
| 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_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_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwFound_Cr | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ultrackets and the property of the prope$ | n_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw | target_EOTActuatorMng_Per1_HandWheelP | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_Restrictions and the property of the pro$ | - | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtorActuatorMng_Per1_OutputRampMult$ | 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 | -6.75952005 | -6.75952005 ± 0.0000390625 | ~ |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 800.900024 | 800.900024 ± 0.0000390625 | - |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 908539715 | 908539715 ± 1 | |
| | | | · · · · · · · · · · · · · · · · · · · |

908539715

908539715 ± 1

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| 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 | ✓ |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|----------|--|
| 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

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Test Case 2: Boundary Test

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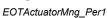


Specification

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
TS2.34 1892 cycles
TS2.36 1892 cycles
TS2.37 1892 cycles
TS2.38 1905 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 = max
TS2.16HandWheelPos_HwDeg_f32 = min
TS2.17HandWheelPos_HwDeg_f32 = max
TS2.14HandWheelPos_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= zero
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
TS2.55EOTActuatorMng_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

| 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 |

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| Manua. | Invest Value | |
|--|--------------|--|
| Name | Input Value | |
| <_MaxRackTrvl_HwDeg_u12p4 | 1776 | |
| <pre><_MinRackTrvl_HwDeg_u12p4</pre> | 14400 | |
| <pre><_PosRampStep_HwDeg_u12p4</pre> | 10848 | |
| <pre>c_SoftStopEOTEnable_Cnt_lgc</pre> | 1 | |
| <_SpdlptScale_MtrNmpRadpS_u4p12 | 80 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][0] | 0 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 80 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 176 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 320 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 480 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 1424 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 1440 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 1456 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][0] | 1120 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 3344 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 3360 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 3376 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1760 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 5264 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5280 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5296 | |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 0 | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 3 | |
| 2_EOTEnterGain1_0is_u1p15[0][1] 2_EOTEnterGain1_Uls_u1p15[0][2] | 4 | |
| 2_EOTEINE/GainT_Uis_u1p15[0][2] 2_EOTEINE/GainT_Uis_u1p15[0][3] | 5 | |
| | 5 | |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | 6 | |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 29 | |
| 2_EOTEnterGainY_Uls_u1p15[1][2] | | |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 288 | |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 5 | |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 5 | |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 20 | |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 193 | |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 7 | |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 7 | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 78 | |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 763 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 76 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 108 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 77 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 108 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 77 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 108 | |
| 2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[3][0] | 32 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 44 | |
| 2 EOTPosDepDmpTblX HwDeg u12p4[0][0] | 448 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1120 | |
| | 640 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | | |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[1][1] | 1024 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 640 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4016 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 400 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 544 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 1 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 44 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 37 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 194 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 62 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 87 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 10 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 452 | |
| EOTDmpVspd_Kph_u9p7[0] | 3840 | |
| _EOTDmpVspd_Kph_u9p7[1] | 11392 | |
| EOTDmpVspd_Kph_u9p7[2] | 11520 | |
| _EOTDmpVspd_Kph_u9p7[3] | 11648 | |
| | 3840 | |
| _EOTEnterGainVspd_Kph_u9p7[0] | | |
| _EOTEnterGainVspd_Kph_u9p7[1] | 11392 | |
| _EOTEnterGainVspd_Kph_u9p7[2] | 11520 | |
| _EOTEnterGainVspd_Kph_u9p7[3] | 11648 | |
| _SpdlptTblXTbl_HwDeg_u12p4[0] | 64 | |
| _SpdlptTblXTbl_HwDeg_u12p4[1] | 224 | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 400 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 544 | |

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EOTActuatorMng_Per1

| EOTACIDATONING_PELT | | | MACILIA |
|--|--|----------------------------|----------|
| 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_AssistEOTDamping_MtrNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_Ap_$ | lls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrlagerservers and the property of the$ | ftri target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | _f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$ | gc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3222222222222222222222222222222222222$ | g_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igrams and the property of the property$ | target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls | target_EOTActuatorMng_Per1_HandWheel | Auth_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hw | target_EOTActuatorMng_Per1_HandWheell | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$ | target_EOTActuatorMng_Per1_HwTorque_l | HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS$ | target_EOTActuatorMng_Per1_MotorVel_M | trRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$ | target_EOTActuatorMng_Per1_OutputRamp | MultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Results (Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Results (Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Results (Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Per1_VehicleSpeed_Kph_Results (Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Pe$ | target_EOTActuatorMng_Per1_VehicleSpee | d_Kph_f32 | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -8.80000019 | -8.80000019 ± 0.0000390625 | 5 |
| 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 | ✓ |
| · · | | | |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 | |

 ${\sf EOTActuatorMng_SESState_Uls_M_enum}$

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

EOTActuatorMng_Per1

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Input Value k_EOTDynConf_Uls_u8p8 5120 3643 k_EOTEnterLPFKn_Cnt_u16 k EOTExitLPFKn Cnt u16 222 k_EOTImpSpdEn_Kph_u9p7 5504 k EOTOriginalImpactandSoftEnd Cnt lgc k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 12.2399998 k_EOTStateHwTrqLPFKn_Cnt_u16 2436 3552 $k_MaxRackTrvl_HwDeg_u12p4$ k_MinRackTrvl_HwDeg_u12p4 15456 k_PosRampStep_HwDeg_u12p4 2016 k_SoftStopEOTEnable_Cnt_lgc 80 $k_SpdIptScale_MtrNmpRadpS_u4p12$ 160 t2_EOTEnterGainX_HwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] 320 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 480 640 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 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 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 6 t2_EOTEnterGainY_Uls_u1p15[2][1] 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 $t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0]$ 16 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 22 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 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1040 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] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 16 $t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0]$ 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 t_EOTDmpVspd_Kph_u9p7[1] 11776 t_EOTDmpVspd_Kph_u9p7[2] 11904 t_EOTDmpVspd_Kph_u9p7[3] 12032 t_EOTEnterGainVspd_Kph_u9p7[0] 3968

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| Name | Input Value | | |
|--|--|-------------------------------|-------|
| t_EOTEnterGainVspd_Kph_u9p7[1] | 11776 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 11904 | 11904 | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 12032 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 48 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 240 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 416 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 560 | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 2048 | | |
| t_TrqTbIY_Uls_u2p14[0] | 33 | | |
| t_TrqTbIY_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 | 0.31999993 | | |
| 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 | 0.328000009 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 8.02000046 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamparter (Control of the Control of the Contr$ | ing_ target_EOTActuatorMng_Pe | r1_AssistEOTDamping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Inst_Ap_EOTActuatorMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApA$ | Uls_ target_EOTActuatorMng_Pe | r1_AssistEOTGain_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit | Mtrl target_EOTActuatorMng_Pe | r1_AssistEOTLimit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDerrorMng_Per$ | g_f3 target_EOTActuatorMng_Pe | r1_CcwEOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Inst_Ap_EOTActuatorMng_Cound_Cnt_Inst_Ap_EOTActuatorMng_Cnt_Inst_Ap_EOTActuatorMng_Cound_Cnt_Inst_Ap_EOTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG_Cnt_Inst_ApUTACTUATORMNG$ | lgc target_EOTActuatorMng_Pe | r1_CcwFound_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDegram = 0.0000000000000000000000000000000000$ | _f32 target_EOTActuatorMng_Pe | r1_CwEOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_I$ | gc target_EOTActuatorMng_Pe | r1_CwFound_Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cn | _Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuthness and the property of $ | VheelAuth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Results = 0.0000000000000000000000000000000000$ | Hwl target_EOTActuatorMng_Pe | r1_HandWheelPos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNng_Per1_HwNng_Per$ | m_f target_EOTActuatorMng_Pe | r1_HwTorque_HwNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRa | RadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMulter (App_EOTActuatorMng_Per1_OutputRampMulter (App_EOTActuatorMng_Per1_OutputRampMulter$ | tLtd_ target_EOTActuatorMng_Pe | r1_OutputRampMultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Results = 0.0000000000000000000000000000000000$ | ph_ target_EOTActuatorMng_Pe | r1_VehicleSpeed_Kph_f32 | |
| Name | Actual Value | Expected Value | Resul |
| EOTActuatorMng Damping MtrNm M f32 | -6.77552032 | -6.77551985 ± 0.0000390625 | |

| targot_re_mot_re_constants. | _ targete : / tetaateriirig_: e: :_veriicieepee | · | |
|---|---|-----------------------------|----------|
| 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 | ✓ |

| Test Step Call Trace ✓ | | | | |
|--|-------|--|-------|----------|
| 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

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Input Value 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 0.633000016 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 9999 k_EOTStateHwTrqLPFKn_Cnt_u16 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_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] 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

target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value

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EOTActuatorMng_Per1 Input Value t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 698 4096 $t_EOTDmpVspd_Kph_u9p7[0]$ 12160 t EOTDmpVspd Kph u9p7[1] 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 SpdlptTblXTbl HwDeg u12p4[0] 32 t_SpdIptTbIXTbI_HwDeg_u12p4[1] 256 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 432 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 576 t TrgTableX 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 $target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value$

850.21698

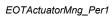
1

target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 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 $target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value$ 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_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 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 Igc target EOTActuatorMng Per1 CcwFound Cnt Igc

target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc(\\ target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc(\\ target_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOTActuatorMng_EOT$ 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 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_f. \\ target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 \\ target_Rte_Inst_Ap_EOTActuatorMng_Per1_HwTorque_HwNm_f32 \\ target_Rte_Inst_Ap_EOTActuatorMng_Pe$ 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_f32 **Actual Value Expected Value** Result EOTActuatorMng_Damping_MtrNm_M_f32 -4.76742029 -4.76741982 ± 0.0000390625 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 567.25 567.25 ± 0.0000390625 572430069 $EOTActuator Mng_Filt EOTGain SV_HwNm_M_u1p31$ 572430069 + 1 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 110470957 110470957 ± 1 0.449000001 0.449000001 + 0.00390625 EOTActuatorMng OutputRampMultLtd M f32 0.266540527 0.266540527 ± 0.0625 EOTActuatorMng_PrevEOTGain_Uls_M_f32 SES NORMAL SES NORMAL EOTActuatorMng_SESState_Uls_M_enum -4.76742029 -4.76741982 ± 0.00048828125 target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value target_EOTActuatorMng_Per1_AssistEOTGain Uls f32.value 0.266540527 ± 0.0000390625 0.266540527 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value 8.80000019 8.80000019 ± 0.00048828125

| Test Step Call Trace | | | | |
|--|-------|--|-------|--------|
| 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 2.4 (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_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 | 0.284000009 |
| k_EOTDefltPosition_HwDeg_u12p4 k_EOTDeltaTrqThrsh_HwNm_u9p7 | 8000 768 |
| k EOTDynConf Uls u8p8 | 10240 |
| k_EOTEnterLPFKn_Cnt_u16 | 799 |
| k_EOTExitLPFKn_Cnt_u16 | 444 |
| k_EOTImpSpdEn_Kph_u9p7 | 5760 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 20.3400002 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 8888 |
| k_MaxRackTrvl_HwDeg_u12p4 | 7104 |
| k_MinRackTrvl_HwDeg_u12p4 | 15616 |
| k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc | 10816 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 81 |
| 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] t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 3488 3504 |
| t2_EOTEnterGainX_riwbeg_u12p4[2][2] 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 |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 288 6 |
| t2_EOTEnterGainY_Uls_u1p15[1][0] t2_EOTEnterGainY_Uls_u1p15[1][1] | 7 |
| t2_EOTEnterGain1_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_EOTENPOSDEDDMThIV_MtNlmpRadps_u0n16(0)(0) | 1049 76 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 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] | 544 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1168 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | 688 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1072 784 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 784 4064 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 448 |
| | 592 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 002 |

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| 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 16 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 272 | | |
| t_SpdiptTblYTbl_NtrRadpS_u12p4[0] | 448 | | |
| t SpdlptTblYTbl MtrRadpS u12p4[0] | 592 | | |
| t TrgTableX HwNm u8p8[0] | 512 | | |
| | 1536 | | |
| t_TrqTableX_HwNm_u8p8[1] | 66 | | |
| t_TrqTblY_Uls_u2p14[0] | | | |
| t_TrqTblY_Uls_u2p14[1] | 655 | | |
| 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 | -5.0999999 | | |
| 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_AssistEOTDamping | | | |
| 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_f | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$ | · · · · · · · · · · · · · · · · · · · | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3: | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwFound_C | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig | target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Ul | 32 2 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw | target_EOTActuatorMng_Per1_HandWheell | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_tracking = 0.0000000000000000000000000000000000$ | target_EOTActuatorMng_Per1_HwTorque_h | HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpStarter(App_Red_App_Re$ | target_EOTActuatorMng_Per1_MotorVel_M | trRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$ | target_EOTActuatorMng_Per1_OutputRamp | oMultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpeed_Kph_InstAp_EOTActuatorMng_FoTAc$ | target_EOTActuatorMng_Per1_VehicleSpee | ed_Kph_f32 | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -2.75932002 | -2.75932002 ± 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 | -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_AssistEOTDamping_MtrNm_f32.value target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | -2.75932002 0.168029785 | -2.75932002 ± 0.00048828125 0.168029785 ± 0.0000390625 | |



| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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_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_EOTEnterGainT_Uis_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3] | 573 |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 8 |
| t2_EOTEnterGainY_Uis_u1p15[3][1] | 9 |
| 12_LOTEM61Gail11_Olo_u1p10[0][1] | J |

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EOTActuatorMng_Per1

| E-017/lotadio/ivi/ig_1 ci 1 | | | 1 - 1 - 10-10 |
|--|---------------------------------------|-----------------------------|---------------|
| Name | Input Value | | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 118 | | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 1144 | | |
| 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 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 768 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 4080 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 464 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] | 608 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 9 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 62 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 198 280 | | |
| t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] | 122 | | |
| tz_EOTPosDepDmpTbIY_MtrNmpRadpS_uupTo[z][u] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[z][1] | 173 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 103 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 728 | | |
| t_EOTDmpVspd_Kph_u9p7[0] | 4352 | | |
| | 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_SpdIptTbIYTbI_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 | 0.82999983 | | |
| 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 | anning Mark 1900 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamp | 0_ 0 | . 0= = | |
| 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 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt I | | | |
| target_Rte_inst_Ap_E01ActuatorMng.E01ActuatorMng_Per1_CwFound_Cnt_it target_Rte_Inst_Ap_E0TActuatorMng.E0TActuatorMng_Per1_E0TDisable_Cnt | 3_ 3 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cri target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_ | | | |
| target_Inte_Inst_Ap_EOTActuatorMing.EOTActuatorMing_Per1_HwTorque_HwN | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRa | | _ | |
| target_Rte_inst_Ap_EOTActuatorMing.EOTActuatorMing_Fet1_wootivet_intra target Rte Inst Ap EOTActuatorMing.EOTActuatorMing Per1 OutputRampMul | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampwart | | | |
| Name | Actual Value | Expected Value | Resi |
| | -0.751219988 | -0.751219988 ± 0.0000390625 | |
| EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 600 | 600 ± 0.0000390625 | |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_132 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 1979105193 | 1979105193 ± 1 | |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 92219194 | 92219194 ± 1 | |
| EOTActuatorMng OutputRampMultLtd M f32 | 0.47799985 | 0.477999985 ± 0.00390625 | |
| LOTA TOTAL GOLD THE TOTAL CONTROL OF THE TOTAL CONT | 10.711000000 | 10.711000000 ± 0.000000020 | |

0.477999985

 $EOTActuator Mng_Output Ramp Mult Ltd_M_f32$

0.477999985 ± 0.00390625

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| EOTActuatorMng_Per1 |
|---------------------|
|---------------------|

| 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 | ✓ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|--------|
| 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 | ~ |

| Name | Input Value |
|---|-----------------------------------|
| EOTActuatorMng_Damping_MtrNm_M_f32 | 1.20000005 |
| 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 | 0.344000012 |
| k_EOTDefltPosition_HwDeg_u12p4 | 11200 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 512 |
| k EOTDynConf Uls u8p8 | 0 |
| k EOTEnterLPFKn Cnt u16 | 500 |
| k_EOTExitLPFKn_Cnt_u16 | 666 |
| k_EOTImpSpdEn_Kph_u9p7 | 6016 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 28.4400005 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 6666 |
| k MaxRackTrvl HwDeg u12p4 | 10656 |
| k MinRackTrvl HwDeg u12p4 | 11920 |
| k PosRampStep HwDeg u12p4 | 9008 |
| k SoftStopEOTEnable Cnt Igc | 1 |
| k SpdlptScale MtrNmpRadpS u4p12 | 82 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 160 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 336 |
| 12 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 |
| 12_EOTEnterGainX_HwDeg_u12p4[1][3] | 1696 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 1200 |
| 12_EOTEnterGainX_HwDeg_u12p4[2][1] | 3584 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 3600 |
| 12_EOTEnterGainX_HwDeg_u12p4[2][3] | 3616 |
| 12_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 |
| 12_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 |

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| 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] | 69 668 |
| t2_EOTEnterGainY_Uls_u1p15[2][3] 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 |
| 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] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 151 608 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] t2 EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1200 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 720 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 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] | 11 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 77 |
| 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 74 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] t2_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 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] t SpdlptTblYTbl MtrRadpS_u12p4[1] | 480 624 |
| t_TrqTableX_HwNm_u8p8[0] | 256 |
| t_TrqTableX_HwNm_u8p8[1] | 1024 |
| t_TrqTblY_Uls_u2p14[0] | 16 |
| t_TrqTblY_Uls_u2p14[1] | 98 |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -555.349976 |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 0 |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| 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 target EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | -0.600000024 0.953000009 |
| target_EOTActuatorMng_Per1_OutputKampMultLtd_Ois_f32.value target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 17.0599995 |
| 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_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f | 1 2 2 2 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3 | 2 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |
| target_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 | 1 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_UI | |
| | III I FOTA I I M D 4 II NAN ID II D 100 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw | |
| 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_MotorVel_MtrRadpS | f target_EOTActuatorMng_Per1_HwTorque_HwNm_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 | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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_MinRackTrvI_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 |

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| lame | Input Value |
|--|--|
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 5552 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5568 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5584 |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 6 |
| 2 EOTEnterGainY Uls u1p15[0][1] | 7 |
| 2_EOTEnterGainY_Uis_u1p15[0][2] | 59 |
| | 573 |
| 2_EOTEnterGainY_UIs_u1p15[0][3] | 7 |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | |
| 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 |
| P_EOTEnterGainY_Uls_u1p15[3][1] | 9 |
| P_EOTEnterGainY_Uls_u1p15[3][2] | 137 |
| P_EOTEnterGainY_Uls_u1p15[3][3] | 1334 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 92 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 130 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 168 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 237 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 168 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 237 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 122 |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 173 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 640 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1216 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | 736 |
| P_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 1120 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 832 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 4112 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 496 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] | 640 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 13 |
| | 92 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 228 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 323 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | |
| 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 |
| _SpdIptTbIXTbI_HwDeg_u12p4[0] | 128 |
| SpdlptTblXTbl_HwDeg_u12p4[1] | 320 |
| _SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 496 |
| SpdlptTblYTbl_MtrRadpS_u12p4[1] | 640 |
| TrqTableX_HwNm_u8p8[0] | 256 |
| TrqTableX_HwNm_u8p8[1] | 768 |
| TrqTbIY_Uls_u2p14[0] | 33 |
| TrqTbIY_UIs_u2p14[1] | 115 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -465.279999 |
| irget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| rget EOTActuatorMng Per1 CwEOT HwDeg f32.value | 1440.10999 |
| rget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 0 |
| riget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| liget_EOTActuatorMing_FeT_EOTDIsable_Officingc.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 |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampii | |
| | lls_target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$



0.606591821 ± 0.00048828125

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_HwI | Deg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc | target_EOTActuatorMng_Per1_CwFound_Cr | nt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcaps and the property of the property$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Restrictions and the property of the$ | target_EOTActuatorMng_Per1_MotorVel_Mtr | RadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outp$ | 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 | 3.13502002 | 3.13502002 ± 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 | 0.186000004 | 0.186000004 ± 0.00390625 | ~ |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.724700928 | 0.724700928 ± 0.0625 | • |
| EOTActuatorMng_SESState_Uls_M_enum | SES_DISABLED | SES_DISABLED | ~ |
| target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value | 3.13502002 | 3.13502002 ± 0.00048828125 | ~ |
| target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | 0.724700928 | 0.724700928 ± 0.0000390625 | - |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|--------|
| 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 | • |

0.606591761

| 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 |

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| Name | |
|--|--|
| 2_EOTEnterGainX_HwDeg_ut2p4[1] 2 1776 2_EOTEnterGainX_HwDeg_ut2p4[1] 3 1792 2_EOTEnterGainX_HwDeg_ut2p4[2] 0 1232 2_EOTEnterGainX_HwDeg_ut2p4[2] 1 3680 2_EOTEnterGainX_HwDeg_ut2p4[2] 2 3696 2_EOTEnterGainX_HwDeg_ut2p4[2] 3 3712 2_EOTEnterGainX_HwDeg_ut2p4[3] 3 3712 2_EOTEnterGainX_HwDeg_ut2p4[3] 3 3712 2_EOTEnterGainX_HwDeg_ut2p4[3] 1 5600 2_EOTEnterGainX_HwDeg_ut2p4[3] 2 5616 2_EOTEnterGainX_HwDeg_ut2p4[3] 3 5632 2_EOTEnterGainX_HwDeg_ut2p4[3] 3 5632 2_EOTEnterGainY_Uls_utp15[0] 0 6 | |
| 1792 | |
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| 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 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[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 | |
| t2_EOTEnterGainY_UIs_u1p15[3][1] 10 t2_EOTEnterGainY_UIs_u1p15[3][2] 147 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 1429 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 151 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 151 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[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 194 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1232 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1136 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRa | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] 147 t2_EOTEnterGainY_Uls_u1p15[3][3] 1429 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][0] 183 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_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 128 t2_EOTPosDepDmpTblY_HwDeg_u12p4[3][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 177 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 177 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 177 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 177 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTEnterGainY_UIs_u1p1s[3][3] 1429 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][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 656 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p | |
| 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 107 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] 151 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 183 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 183 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 183 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 183 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 259 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 137 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 137 12_EOTExPosDepDmpTbIX_HwDeg_u12p4[0][0] 672 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 672 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 752 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 752 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 864 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 107 12_EOTPosDepDmpTbIX_MtrNmpRadpS_u0p16[0][0] 107 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 151 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 243 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 12_EOT | |
| 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][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 194 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 14208 t_EOTDmpVspd_Kph_u9p7[0] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 14208 t_EOTEnterGainVspd_Kph_u9p7[0] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 14208 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14208 t_EOTEnterGainVspd_Kph_u9p7[1] 14208 t_EOTEnterGainVspd_Kph_u9p7[1] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 762 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDm | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 183 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] 194 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 672 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 1232 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 107 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 14208 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 259 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 194 t2_EOTPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 t2_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_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][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 137 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 t2_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][0] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1136 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 194 t2_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTblX_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 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 | |
| t2_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 656 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 656 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_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][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 752 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 1136 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 864 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 656 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 345 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] 237 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTbIXTb_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | |
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| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 4128 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 512 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 656 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 345 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] 237 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTbIXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4{3}[1] 656 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 345 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 168 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 237 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 107 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_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][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 151 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_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][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 243 t2_EOTPosDepDmpTblY_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][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_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][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| 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][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[3] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 237 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[3] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[3] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 110 t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTDmpVspd_Kph_u9p7[0] 4736 t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTDmpVspd_Kph_u9p7[1] 14080 t_EOTDmpVspd_Kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTDmpVspd_kph_u9p7[2] 14208 t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTDmpVspd_Kph_u9p7[3] 14336 t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTEnterGainVspd_Kph_u9p7[0] 4736 t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTEnterGainVspd_Kph_u9p7[1] 14080 t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTbIXTbl_HwDeg_u12p4[0] 112 | |
| t_EOTEnterGainVspd_Kph_u9p7[2] 14208 t_EOTEnterGainVspd_Kph_u9p7[3] 14336 t_SpdlptTbIXTbl_HwDeg_u12p4[0] 112 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] 112 | |
| | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] 336 | |
| | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 512 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 656 | |
| t_TrqTableX_HwNm_u8p8[0] 0 | |
| t_TrqTableX_HwNm_u8p8[1] 512 | |
| t_TrqTblY_Uls_u2p14[0] 49 | |
| t_TrqTblY_Uls_u2p14[1] 131 | |
| target_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_EOTActuatorwing_Per1_CwEO1_Hwbeg_f3z.value 1000.20001 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 1 | |
| target_EOTActuatorWing_Per1_EOTDisable_Cnt_lgc.value | |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.87999999 | |



| Name | Input Value | | |
|--|--|---------------------------|--------|
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -400.350006 | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 2.2999995 | | |
| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -0.800000012 | | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.82999983 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 19.0499992 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_$ | $target_EOTActuatorMng_Per1_AssistEOTDa$ | 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_HwD | Deg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc | 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.EOTActuatorMng.Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng.Per1_OutputRampMultLtd_InstAp_EOTActuatorMng.Per1_OutputRampMultLtd_InstAp_EOTActuatorMng.Per1_OutputRampMultLtd_InstAp_EOTActuatorMng.Per1_OutputRampMultLtd_InstAp_EOTActuatorMng.Per1_OutputRampMultLtd_InstAp_EOTActuatorMng.Per1$ | target_EOTActuatorMng_Per1_OutputRampN | MultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_rame and the property of the property$ | target_EOTActuatorMng_Per1_VehicleSpeed | f_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 | ~ |

| | 333.140013 | 333.140013 ± 0.0000330023 | | · · |
|-------|--------------------------------------|---|--|--|
| | 1344659898 | 1344659898 ± 1 | | ~ |
| | 32108156 | 32108156 ± 1 | | ✓ |
| | 0.829999983 | 0.829999983 ± 0.00390625 | | ~ |
| | 0.62612915 | 0.62612915 ± 0.0625 | | • |
| | SES_DISABLED | SES_DISABLED | | ~ |
| | 5.12691975 | 5.12692022 ± 0.00048828125 | | ~ |
| | 0.62612915 | 0.62612915 ± 0.0000390625 | | ~ |
| | 8.80000019 | 8.80000019 ± 0.00048828125 | | ~ |
| | | | | |
| | | | | V |
| Count | Expected Function | | Count | Result |
| 1 | Rte_Call_EOTActuatorMng_Per1_CP0_Che | ckpointReached | 1 | ~ |
| | Count 1 | 1344659898 32108156 0.829999983 0.62612915 SES_DISABLED 5.12691975 0.62612915 8.80000019 Count Expected Function | 1344659898 1344659898 ± 1 32108156 32108156 ± 1 0.829999983 0.829999983 ± 0.00390625 0.62612915 0.62612915 ± 0.0625 SES_DISABLED SES_DISABLED 5.12691975 5.12692022 ± 0.00048828125 0.62612915 0.62612915 ± 0.0000390625 8.80000019 8.80000019 ± 0.00048828125 | 1344659898 1344659898 ± 1 32108156 32108156 ± 1 0.829999983 0.829999983 ± 0.00390625 0.62612915 0.62612915 ± 0.0625 SES_DISABLED SES_DISABLED 5.12691975 5.12692022 ± 0.00048828125 0.62612915 0.62612915 ± 0.0000390625 8.80000019 8.80000019 ± 0.00048828125 |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 2.9 (Repeat Count = 1) | ✓ |
|---|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 7.19999981 |
| 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 |

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| EOTActuatorMng_Per1 | IDACI | 0010 |
|---|----------------|------|
| Name | Input Value | |
| k_SpdIptScale_MtrNmpRadpS_u4p12 | 83 | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 0 | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 64 | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 160 368 | |
| t2_EOTEItterGainX_ftwDeg_u12p4[0][0] 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] t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 3760 1888 | |
| t2_EOTEITIEGainX_FiwDeg_u12p4[3][1] | 5648 | |
| 12_EOTEnterGainX_HwDeg_u12p4[3][2] | 5664 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5680 | |
| t2_EOTEnterGainY_Uls_u1p15[0][0] | 7 | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 7 | |
| l2_EOTEnterGainY_Uls_u1p15[0][2] | 78 | |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 763 | |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | 8 | |
| :2_EOTEnterGainY_Uls_u1p15[1][1] :2_EOTEnterGainY_Uls_u1p15[1][2] | 8 108 | |
| tz_EOTEnterGainY_Uis_u1p15[1][2] t2_EOTEnterGainY_Uls_u1p15[1][3] | 108 | |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 7 | |
| 12_EOTEnterGainY_Uls_u1p15[2][1] | 8 | |
| t2_EOTEnterGainY_Uls_u1p15[2][2] | 98 | |
| t2_EOTEnterGainY_Uls_u1p15[2][3] | 954 | |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 9 | |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 10 | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 157 | |
| 2_EOTENBARDARDARDARDARDARDARDARDARDARDARDARDARDA | 1524 122 | |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] t2_EOTExPosDepDmpTbIY_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] | 704 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1248 768 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1152 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 896 | |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 4144 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 528 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 672 | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 17 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 122 | |
| 2_EOTPosDopDmpTblY_MtrNmpRadpS_u0p16[1][0] | 259 | |
| :2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] :2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] | 366 183 | |
| 2_EOTPosDepDinpTbHT_MtiNinpRadpS_u0p16[2][0] | 259 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 112 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 788 | |
| | 4864 | |
| _EOTDmpVspd_Kph_u9p7[1] | 14464 | |
| _EOTDmpVspd_Kph_u9p7[2] | 14592 | |
| _EOTDmpVspd_Kph_u9p7[3] | 14720 | |
| _EOTEnterGainVspd_Kph_u9p7[0] | 4864 | |
| _EOTEnterGainVspd_Kph_u9p7[1] | 14464 14592 | |
| _EOTEnterGainVspd_Kph_u9p7[2] _EOTEnterGainVspd_Kph_u9p7[3] | 14720 | |
| _EOTETiteTGainVspd_Kpi1_u9p7[3] _SpdlptTblXTbl_HwDeg_u12p4[0] | 96 | |
| _SpdiptTblXTbl_HwDeg_u12p4[0] _SpdiptTblXTbl_HwDeg_u12p4[1] | 352 | |
| opulptTblYTbl_MtrRadpS_u12p4[0] | 528 | |
| prepared[7] _SpdlptTblYTbl_MtrRadpS_u12p4[1] | 672 | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | |
| _TrqTableX_HwNm_u8p8[1] | 1792 | |
| :_TrqTbIY_Uls_u2p14[0] | 66 | |
| t_TrqTblY_Uls_u2p14[1] | 147 | |

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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 | -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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_AssistEOTActuatorMng_Ap_EOTActuatorMng_ApACTuatorMng_ApA$ | 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_Hw | /Deg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$ | torMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | DTActuatorMng_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_lgc | | _Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls_target_EOTActuatorMng_Per1_HandWheelAut | | uth_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl | target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$ | target_EOTActuatorMng_Per1_HwTorque_H | lwNm_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 | 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 | ~ |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.229034424 | 0.229034424 ± 0.0625 | ✓ |
| FOTA 1 1 14 OFFOCI 1 11 14 | OEO NORMAI | OEO NORMAI | |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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

7.11881971

0.229034424

8.80000019

SES_NORMAL

7.11882019 ± 0.00048828125

0.229034424 ± 0.0000390625

8.80000019 ± 0.00048828125

| 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

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| | (|
|---|--------------|
| Name | Input Value |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 44.6399994 |
| 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 |
| 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 |
| 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 1888 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 1264 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 3776 |
| t2_EOTEnterGainX_TWDeg_u12p4[2][1] 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] | 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 |
| 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] | 213 302 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 168 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 237 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 736 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 1264 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 784 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 1168 |
| t2_EOTPosDepDmpTbIX_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_EOTPosDepDmpTblY_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_SpdlptTblXTbl_HwDeg_u12p4[0] | 80 |
| | |

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| Name | Input Value | | |
|---|--|-----------------|--|
| 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_TrqTbIY_UIs_u2p14[0] | 82 | | |
| t_TrqTbIY_UIs_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 | 0.0960000008 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 2.11999989 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgeneration and the property of the pro$ | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Rte_InstAp_EOTActuator$ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_HwleelPos_HwleelPos$ | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fr$ | _HwNm_f target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpSpace{20pt} and the property of the pr$ | target_EOTActuatorMng_Per1_MotorVel_Mtr | RadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outp$ | target_EOTActuatorMng_Per1_OutputRampl | MultLtd_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph | target_EOTActuatorMng_Per1_VehicleSpeed | d_Kph_f32 | |
| 3 | | | |

| target_rtte_inst_Ap_Eo rActuationwing.Eo rActuationwing_r er r_venicleopeed_rtpir_ | larget_LorActuatoriving_r cri_verilocopect | u_1\pi1_102 | |
|--|--|--------------------------------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 | • |

| Fest 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

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Input Value k_EOTDefltPosition_HwDeg_u12p4 7104 1024 k_EOTDeltaTrqThrsh_HwNm_u9p7 k EOTDvnConf Uls u8p8 0 k_EOTEnterLPFKn_Cnt_u16 100 k EOTExitLPFKn Cnt u16 3456 k_EOTImpSpdEn_Kph_u9p7 6656 k_EOTOriginalImpactandSoftEnd_Cnt_lgc 0 48.6899986 $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ k_EOTStateHwTrqLPFKn_Cnt_u16 1111 k_MaxRackTrvl_HwDeg_u12p4 17776 k_MinRackTrvl_HwDeg_u12p4 12064 12256 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 84 k SpdlptScale MtrNmpRadpS u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 800 960 t2 EOTEnterGainX HwDeg u12p4[0][1] 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_EOTEnterGainY_Uls_u1p15[0][0] 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 1239 t2_EOTEnterGainY_Uls_u1p15[1][3] t2_EOTEnterGainY_Uls_u1p15[2][0] 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 t2 EOTExPosDepDmpTbIY 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] 768 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1280 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1184 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 800 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 4176 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 704 $t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0]$ 22 153 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 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] 5120 t_EOTDmpVspd_Kph_u9p7[1] 15232 $t_EOTDmpVspd_Kph_u9p7[2]$ 15360

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| Name | Input Value | | |
|--|---|-------------------|-------|
| t_EOTDmpVspd_Kph_u9p7[3] | 15488 | | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 5120 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 15232 | | |
| 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_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 320 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 704 | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1280 | | |
| t_TrqTbIY_UIs_u2p14[0] | 98 | | |
| t_TrqTblY_Uls_u2p14[1] | 180 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -1000.09998 | | |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 555.021973 | | |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 | | |
| 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 AssistEOTDa | Per1 AssistEOTDamping target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGatastarget_Rte_Inst_Ap_EOTActuatorMng.EOTA$ | n_Uls_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLingstarget_Rte_Inst_Ap_EOTActuatorMng_Rte_Inst_Ap_$ | t_Mtrl target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f3 | 32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_Hwatcher and the property of th$ | Deg_f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Compact $ | t_lgc target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwEOT_Results (See Each of the Company of the Com$ | eg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Crressian (Control of the Control of the Contro$ | _lgc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_Inst_Ap_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_EOTActuatorMng_Per1_EOTDisable_InstAp_EOTActuatorMng_EOTActuato$ | cnt_lgr target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelA$ | th_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelP | s Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f | f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_Hurbers_Restrictions and the property of the $ | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_Mtr | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampI$ | | f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed | Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 | | |
| Name | Actual Value Expected | Value | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0.902620018 0.90262001 | 18 ± 0.0000390625 | • |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 444.153992 444.153992 | 2 ± 0.0000390625 | • |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 2037091966 2037091966 | 6 ± 1 | • |
| FOTActuatorMng_FiltHWTrgSV_HwNm_M_s7p24 | 138881153 138881153 | + 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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 |

EOTActuatorMng_Per1

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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 6784 k_EOTImpSpdEn_Kph_u9p7 k EOTOriginalImpactandSoftEnd Cnt lgc 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 k_SpdlptScale_MtrNmpRadpS_u4p12 84 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1440 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1760 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1920 2000 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 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] 1296 3872 t2 EOTEnterGainX HwDeg u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3888 t2 EOTEnterGainX HwDeg u12p4[2][3] 3904 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1936 5792 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 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 1334 t2_EOTEnterGainY_Uls_u1p15[1][3] 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 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_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 EOTPosDepDmpTbIX 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] 720 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 24 168 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]$ t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 304 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 431

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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_SpdlptTblYTbl_MtrRadpS_u12p4[0] 336 720 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] 1024 t_TrqTblY_Uls_u2p14[0] 115 197 t TrqTblY Uls u2p14[1] $target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value$ -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 $target_EOTActuatorMng_Per1_EOTD is able_Cnt_lgc.value$ 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_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 | 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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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_EOTENCHEN Keb. 110-7 | 1000 6912 |
| k_EOTOriginallymagetandSoffEnd_Cat_log | 0 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc 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] | 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] t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5856 5872 |
| t2_EOTEnterGainY_nwbeg_u12p4[5][5] 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 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 183 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 259 259 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 366 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 259 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 366 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 213 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 302 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 832 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 1312 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 832 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1216 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 864 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4208 |
| | |

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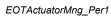
EOTActuatorMng_Per1

| 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 TrgTableX HwNm u8p8[0] | 1024 | | |
| t_TrqTableX_HwNm_u8p8[1] | 2304 | | |
| t_TrqTblY_Uls_u2p14[0] | 131 | | |
| t TrgTbIY Uls u2p14[1] | 213 | | |
| target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | -1000.03998 | | |
| target EOTActuatorMng Per1 CcwFound Cnt Igc.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_ | | amping MtrNm f32 | |
| 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_f3 | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc | target EOTActuatorMng Per1 CcwFound | | |
| 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_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_RwTorque_RwRin_1 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | 0 - 0 - 1 - | - | |
| target_rite_inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_Motorver_withtaups target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd. | | · - | |
| target_Rte_inst_Ap_EOTActuatorMing.EOTActuatorMing_Fet1_OutputRampMulictu | | | |
| | <u> </u> | Expected Value | Boss |
| Name EOTActuatorMag Domaing Mtchlm M #22 | Actual Value | • | Resu |
| EOTActuatorMng_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 | |
| | | | |

8.80000019

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

8.80000019 ± 0.00048828125





| Test Step Call Trace | | | | 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 |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 1.60000002 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 355.609985 |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 966367642 |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -92274688 |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.540000021 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.395999998 |
| k_EOTDefltPosition_HwDeg_u12p4 | 12432 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 640 |
| k_EOTDynConf_Uls_u8p8 | 35840 |
| k_EOTEnterLPFKn_Cnt_u16 | 333 |
| k_EOTExitLPFKn_Cnt_u16 | 6565 |
| k_EOTImpSpdEn_Kph_u9p7 | 7040 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| <_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 60.8400002 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 800 |
| k_MaxRackTrvl_HwDeg_u12p4 | 7616 |
| k_MinRackTrvl_HwDeg_u12p4 | 10176 |
| k PosRampStep HwDeg u12p4 | 12384 |
| <_SoftStopEOTEnable_Cnt_lgc | 1 |
| SpdlptScale 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 |
| 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_EOTEnterGaintX_HwDeg_u12p4[2][3] | 4000 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1968 |
| t2_EOTEInterGainX_11wDeg_u12p4[3][0] | 5888 |
| :2_EOTEItterGainX_f1wDeg_u12p4[3][1] :2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5904 |
| | 5920 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | |
| 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 |

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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] | 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] | 864 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1328 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 848 | | |
| t2_EOTPosDepDmpTblX_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] | 28 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 198 | | |
| 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] | 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 16 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 432 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 368 | | |
| t_SpdIptTbIYTbI_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 | -0.23999995 | | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.129999995 | | |
| 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_MtrI | | | |
| 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_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_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 | 1.47832 | 1.47832 ± 0.0000390625 | J |
| EOTActuatorMng EOTImpactPos HwDeg M f32 | 355.609985 | 355.609985 ± 0.0000390625 | - |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 961870144 | 961870144 ± 1 | |
| EOTActuatorMng FiltHWTrqSV HwNm M s7p24 | -92970688 | -92970688 ± 1 | |

-92970688

-92970688 ± 1

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| 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 | ✓ |

| Test Step Call Trace | | | | 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) | Innut Value |
|---|-----------------------------------|
| 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 |
| <_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 |
| C PosRampStep HwDeg u12p4 | 10288 |
| SoftStopEOTEnable Cnt lgc | 0 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 86 |
| 2 EOTEnterGainX HwDeg u12p4[0][0] | 800 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 960 |
| 12 EOTEnterGainX HwDeg u12p4[0][2] | 1120 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 1280 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 704 |
| 2 EOTEnterGainX_rwb6g_d12p4[1][1] | 2096 |
| 2_EOTEnterGainX_rwbcg_u12p4[1][2] | 2112 |
| 2_EOTEInerGainX_TWDeg_u12p4[1][2] | 2128 |
| 2_EOTEINE/GainX_nwbeg_u12p4[1][3] 2_EOTEINE/GainX_Hwbeg_u12p4[2][0] | 1344 |
| | 4016 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 4032 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 4048 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1984 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 5936 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5952 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5968 |
| 2_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 |

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| Name | Input Value |
|---|--|
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 1619 |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 9 |
| t2_EOTEnterGainY_Uls_u1p15[2][1] t2_EOTEnterGainY_Uls_u1p15[2][2] | 10 157 |
| t2_EOTEnterGainY_UIs_u1p15[2][2] t2_EOTEnterGainY_UIs_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 |
| 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] | 289 409 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] | 243 |
| t2_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3][1] | 345 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 896 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1344 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 864 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1248 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 928 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4240 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 384 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 768 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 30 213 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 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] | 5632 |
| t_EOTDmpVspd_Kph_u9p7[1] | 16768 |
| t_EOTDmpVspd_Kph_u9p7[2] | 16896 |
| t_EOTDmpVspd_Kph_u9p7[3] | 17024 |
| t_EOTEnterGainVspd_Kph_u9p7[0] t EOTEnterGainVspd Kph u9p7[1] | 5632 16768 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 16896 |
| t EOTEnterGainVspd Kph u9p7[3] | 17024 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 0 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 448 |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 384 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 768 |
| t_TrqTableX_HwNm_u8p8[0] | 1280 |
| t_TrqTableX_HwNm_u8p8[1] | 1792 |
| t_TrqTblY_Uls_u2p14[0] | 246 |
| t_TrqTblY_Uls_u2p14[1] | 262 -1100.04004 |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_Cown outlo_Gnt_igc.value | 500.375 |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.89999976 |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 100.480003 |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -8.01000023 |
| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 0.25999999 |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.214000002 |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | 7.17000008 target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 |
| 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_f3 | |
| target_Rte_Inst_Ap_EOTActuatorMng.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_Igo | 1 |
| 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_EUTActuatorMng_Per1_HwTorque_HwNm_f32 |
| torget Dte Inst An EOTAstusterMag EOTAstusterMag David Material Additional College | target EOTActuatorMag Port Meter/ol MtrPode C 522 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd | |



| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | SES_ENTERING |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.0540000014 |
| k_EOTDefltPosition_HwDeg_u12p4 | 4240 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 384 |
| k_EOTDynConf_Uls_u8p8 | 0 |
| k_EOTEnterLPFKn_Cnt_u16 | 555 |
| k_EOTExitLPFKn_Cnt_u16 | 6443 |
| k_EOTImpSpdEn_Kph_u9p7 | 7296 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 68.9400024 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 600 |
| k_MaxRackTrvl_HwDeg_u12p4 | 256 |
| k_MinRackTrvl_HwDeg_u12p4 | 13696 |
| k_PosRampStep_HwDeg_u12p4 | 13024 |
| k_SoftStopEOTEnable_Cnt_lgc | 1 |
| k_SpdIptScale_MtrNmpRadpS_u4p12 | 86 |
| 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 |

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| EOTEnterGainX_HwDeg_u12p4[3][3] EOTEnterGainY_Uls_u1p15[0][0] EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] | Input Value |
|---|---|
| EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] | |
| EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] | 10 |
| EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] | |
| EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] | 147 |
| EOTEnterGainY_Uls_u1p15[1][0] | 1429 |
| | 10 |
| | 10 |
| EOTEnterGainY_Uls_u1p15[1][2] | 176 |
| EOTEnterGainY_Uls_u1p15[1][3] | 1714 |
| EOTEnterGainY_Uls_u1p15[2][0] | 10 |
| EOTEnterGainY_Uls_u1p15[2][1] | 10 |
| : : : : : : | 167 |
| EOTEnterGainY_Uls_u1p15[2][2] | |
| EOTEnterGainY_Uls_u1p15[2][3] | 1619 |
| EOTEnterGainY_Uls_u1p15[3][0] | 11 |
| _EOTEnterGainY_Uls_u1p15[3][1] | 12 |
| _EOTEnterGainY_Uls_u1p15[3][2] | 225 |
| _EOTEnterGainY_Uls_u1p15[3][3] | 2189 |
| _EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 228 |
| _EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 323 |
| _EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 304 |
| _EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 431 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 304 |
| EOTExPosDepDmpTblY MtrNmpRadps u0p16[2][1] | 431 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 259 |
| EOTEXPosDepDmpTblY MtrNmpRadps_u0p16[3][1] | 366 |
| EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 928 |
| | 1360 |
| EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | |
| EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 880 |
| _EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1264 |
| _EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 800 |
| _EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 4256 |
| _EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 400 |
| _EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 784 |
| _EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 32 |
| _EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 228 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 365 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 517 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 289 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 409 |
| EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0] | 614 |
| 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 |
| SpdiptTblYTbl_MtrRadpS_u12p4[1] | 784 |
| rgTableX HwNm u8p8[0] | 256 |
| | |
| FrqTableX_HwNm_u8p8[1] | 1536 |
| FrqTblY_Uls_u2p14[0] | 180 |
| FrqTblY_Uls_u2p14[1] | 262 |
| get_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -1234.78003 |
| get_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| get_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 555.640991 |
| get_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |
| get_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| get_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.910000026 |
| get_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -1440.10999 |
| get_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 9.02000046 |
| get_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 0.28000001 |
| get_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.354000002 |
| | |
| get_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 8.18000031 |
| get Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDampin | , |
| get_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U | |
| get_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_N | |
| | _f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 |





| Name | Input Value | | |
|--|---|-----------------------------|--------|
| 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_$ | 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 | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 |

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| EOTACtuatorMing_Fer1 | | |
|--|--------------|--|
| Name | Input Value | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 2208 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 2224 | |
| 12_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 6048 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][2] t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 6064 | |
| t2_EOTEItterGainX_Twbeg_u12p4[3][0] t2_EOTEItterGainY_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 | |
| t2 EOTEnterGainY Uls u1p15[3][1] | 12 | |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 235 | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 2284 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 243 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 345 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 319 | |
| t2_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 | |
| t_EOTDmpVspd_Kph_u9p7[0] | 5888 | |
| t_EOTDmpVspd_Kph_u9p7[1] | 17536 | |
| t_EOTDmpVspd_Kph_u9p7[2] | 17664 | |
| t_EOTDmpVspd_Kph_u9p7[3] | 17792 | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 5888 | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 17536 | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 17664 | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 17792 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 336 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 480 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 416 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 800 | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | |
| t_TrqTableX_HwNm_u8p8[1] | 1280 | |
| t_TrqTbIY_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 | |
| | 0 | |

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$



2.05401993 ± 0.00048828125

0.148468018 ± 0.0000390625

0.53938967 ± 0.00048828125

EOTActuatorMng_Per1

| 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 | 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 Mtr | target_EOTActuatorMng_Per1_AssistEOTLi | mit_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f | 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_UI | 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_t | target_EOTActuatorMng_Per1_HwTorque_H | lwNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$ | 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 | ✓ |
| EOTActuatorMng SESState Uls M enum | SES DISABLED | SES DISABLED | ~ |

| Test Step Call Trace | | | | → |
|--|-------|--|-------|----------|
| 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 | |

2.05401993

0.148468018

0.53938967

| 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 |

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| EOTACIDATORNING_Pert | | |
|--|---------------|--|
| Name | Input Value | |
| k_SoftStopEOTEnable_Cnt_lgc | 1 | |
| k_SpdlptScale_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 | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 4160 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 4176 | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 4192 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] t2_EOTEnterGainX_HwDeg_u12p4[3][1] | 2032 6080 | |
| 2_EOTEINE/GainX_HwDeg_u12p4[3][1] | 6096 | |
| t2_EOTEnterGainX_11wDeg_u12p4[3][2] | 6112 | |
| t2_EOTETiterGainY_Twbeg_u12p4[5][5] t2_EOTEnterGainY_Uls_u1p15[0][0] | 10 | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 10 | |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 167 | |
| 12_EOTEnterGainY_Uls_u1p15[0][3] | 1619 | |
| t2_EOTEItterGain1_Gis_u1p15[0][0] | 10 | |
| t2_EOTEnterGainT_Ois_u1p15[1][0] t2_EOTEnterGainY_Uis_u1p15[1][1] | 11 | |
| t2 EOTEnterGainY Uls u1p15[1][2] | 196 | |
| 12_E0TEnterGainY_Uls_u1p15[1][3] | 1904 | |
| 12_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 | |
| 12_EOTEnterGainY_Uls_u1p15[3][2] | 245 | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 2379 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 259 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 366 | |
| t2_EOTExPosDepDmpTblY_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_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 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 816 | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 37 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 259 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 395 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 560 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 319 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 452 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 1 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 1 | |
| EOTDmpVspd_Kph_u9p7[0] | 6016 | |
| EOTDmpVspd_Kph_u9p7[1] | 17920 | |
| :_EOTDmpVspd_Kph_u9p7[2] | 18048 | |
| :_EOTDmpVspd_Kph_u9p7[3] | 18176 | |
| _EOTEnterGainVspd_Kph_u9p7[0] | 6016 17920 | |
| :_EOTEnterGainVspd_Kph_u9p7[1] | 18048 | |
| :_EOTEnterGainVspd_Kph_u9p7[2] | 18176 | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 352 | |
| :_SpdlptTblXTbl_HwDeg_u12p4[0] | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 496 432 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 816 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 768 | |
| t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] | 1024 | |
| | | |

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| Name | Input Value | | |
|--|---|---------------------------|--------|
| t_TrqTbIY_Uls_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssistEOTD$ | target_EOTActuatorMng_Per1_AssistEOTDa | mping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_AssistEOTActuatorMng_Ap_EOTActuatorMng_ApACTuatorMng$ | target_EOTActuatorMng_Per1_AssistEOTGa | nin_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 | 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_lgd | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuat$ | 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 | Mng_Per1_MotorVel_MtrRadpS_target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampMultLtd | utRampMultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd_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 | 2.24592018 | 2.24591994 ± 0.0000390625 | ~ |
| | | | |

| target_rtte_inst_ap_E01Actuationwing.E01Actuationwing_ren_venicleopeed_rtpin_ | target_Lo 17 totaatorming_1 or 1_veriloicopeed | 2_14p11_102 | |
|---|--|----------------------------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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) | v v v v v v v v v v v v v v v v v v v |
|---|---------------------------------------|
| 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 | 0.87999995 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.20999993 |
| 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 |

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| EOTActuatorMng_Per1 | | TALOILAG |
|--|-------------|----------|
| Name | Input Value | |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 81.0899963 | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 1234 | |
| k_MaxRackTrvl_HwDeg_u12p4 | 2160 | |
| k_MinRackTrvl_HwDeg_u12p4 | 14240 | |
| k_PosRampStep_HwDeg_u12p4 | 3424 | |
| k_SoftStopEOTEnable_Cnt_lgc | 0 87 | |
| k_SpdlptScale_MtrNmpRadpS_u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 832 | |
| t2_EOTEInerGainX_riwDeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 1008 | |
| t2_EOTEnterGainX_rwbeg_u12p4[0][1] | 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 | |
| 12_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 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 2048 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 6128 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 6144 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 6160 | |
| I2_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] | 206 | |
| l2_EOTEnterGainY_Uls_u1p15[1][2] l2_EOTEnterGainY_Uls_u1p15[1][3] | 1999 | |
| 12_EOTEINE/Gaint_Gis_u1p15[1][0] 12_EOTEInterGainY_Uls_u1p15[2][0] | 10 | |
| 12_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 | |
| 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_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] | 349 | |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 495 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 304 | |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 431 | |
| I2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 1024 | |
| I2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 1408 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | 928 | |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[1][1] | 1312 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 896 4304 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 448 | |
| .z_EOTPosDepDmpTblX_HwDeg_u1zp4[3][0] .2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 832 | |
| 2_EOTPosDepDinpTblX_HwDeg_u12p4[3][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 39 | |
| 2_EOTP osDepDringTbH _mitNinproadp3_adp10[0][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 274 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 410 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 581 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 334 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 474 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 16 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 22 | |
| _EOTDmpVspd_Kph_u9p7[0] | 6144 | |
| EOTDmpVspd_Kph_u9p7[1] | 18304 | |
| _EOTDmpVspd_Kph_u9p7[2] | 18432 | |
| 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 | |

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| Name | Input Value | | |
|---|--------------|--------------------|--------|
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 512 | | |
| t_SpdiptTbi/Tbi_ftwDeg_u12p4[1] t_SpdiptTbi/YTbi_MtrRadpS_u12p4[0] | 448 | | |
| t SpdiptTblYTbl MtrRadpS_u12p4[0] | 832 | | |
| t TrqTableX HwNm u8p8[0] | 0 | | |
| | 768 | | |
| t_TrqTableX_HwNm_u8p8[1] | 229 | | |
| t_TrqTblY_Uls_u2p14[0] | 311 | | |
| t_TrqTbIY_UIs_u2p14[1] target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | -1322.64001 | | |
| | 1 | | |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 700.460999 | | |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 0 | | |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0.200000003 | | |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | -400.100006 | | |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -400.100006 | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | - | | |
| 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 | maning Marklin 522 | |
| 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_CwFound_Cnt_lgc | 3 | | |
| 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 | 3 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_ | | | |
| Name | Actual Value | Expected Value | Result |

| target_Rte_inst_Ap_EOTActuationwing.EOTActuationwing_PerT_venicleSpeed_Rpn_ | target_EOTActuatorwing_PerT_verticleSpeed | 1_Kpii_132 | |
|---|---|-----------------------------|----------|
| 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 | ✓ |

| Test Step Call Trace ✓ | | | | |
|--|-------|--|-------|----------|
| 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

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Input Value Rte Inst Ap EOTActuatorMng target Rte Inst Ap EOTActuatorMng 0.86500001 k_EOTActiveRegionBypassMaxThresh_Uls_f32 k EOTDefltPosition_HwDeg_u12p4 7296 k_EOTDeltaTrqThrsh_HwNm_u9p7 1024 k EOTDvnConf 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 4320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] $t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0]$ 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

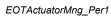
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EOTActuatorMng_Per1 Input Value t_EOTDmpVspd_Kph_u9p7[1] 18688 18816 $t_EOTDmpVspd_Kph_u9p7[2]$ t_EOTDmpVspd_Kph_u9p7[3] 18944 t_EOTEnterGainVspd_Kph_u9p7[0] 6272 t EOTEnterGainVspd_Kph_u9p7[1] 18688 t_EOTEnterGainVspd_Kph_u9p7[2] 18816 t_EOTEnterGainVspd_Kph_u9p7[3] 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_TrqTableX_HwNm_u8p8[0] 0 t_TrqTableX_HwNm_u8p8[1] 512 t TraTblY 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 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0.930000007 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 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 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_EOTActuato$ 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 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3] \\ target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3] \\ target_EOTActuatorMng_F3] \\ target_EOTActuatorMng_F4] \\ t$ $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_Rte_Inst_Ap_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_Rte_$ 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 Igc target EOTActuatorMng Per1 CwFound Cnt Igc 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_HandWheelAuth_Uls_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelPos_Hwl] \ target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 \ target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 \ target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 \ target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 \ target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 \ target_Rte_Inst_Ap_EOTActuatorMng_fa2 \ target_Rte_Inst_Ap_EOTActuator$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_MotorVel_MtrRadpS_\\ target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_\\ f32$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_VehicleSpeed_Kph_ltarget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32$

| Name | Actual value | Expected value | Result |
|---|--------------|-----------------------------|----------|
| EOTActuatorMng_Damping_MtrNm_M_f32 | 2.62971997 | 2.62971997 ± 0.0000390625 | ~ |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 456 | 456 ± 0.0000390625 | • |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 1413955114 | 1413955114 ± 1 | • |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -38941440 | -38941440 ± 1 | • |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.245000005 | 0.245000005 ± 0.00390625 | • |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.658416748 | 0.658416748 ± 0.0625 | • |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL | SES_NORMAL | • |
| target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value | 2.62971997 | 2.62971997 ± 0.00048828125 | • |
| target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | 0.658416748 | 0.658416748 ± 0.0000390625 | • |
| target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value | 0.614882827 | 0.614882827 ± 0.00048828125 | ✓ |
| | | | |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 2.21 (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_SpdIptScale_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 |

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| 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_SpdlptTblXTbl_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 Igc.value | 1 | | |
| target_EOTActuatorMng_Per1_CoeMOunt_Crit_igc.value | 800.153992 | | |
| target EOTActuatorMng Per1 CwFound Cnt Igc.value | 0 | | |
| target EOTActuatorMng Per1 EOTDisable Cnt Igc.value | 0 | | |
| | 0 | | |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | | | |
| 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_AssistEOTDamping | | | |
| 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_ft | | | |
| 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_EOTActuatorMng_Per1_CwFound_C | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig | | · | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth UI | 32 2 | | |
| 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_MotorVel_MtrRadpS | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$ | | | |
| 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 | 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 | |
| | A STATE OF THE STA | | 1 |



| Test Step Call Trace | | | | 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] | |

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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_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 4208 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | 1024 | | |
| | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1408 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 736 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 3344 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 496 | | |
| t2_EOTPosDepDmpTblX_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 | | |
| 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] | 87 | | |
| 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 416 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 560 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[0] | 496 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 880 | | |
| | 2048 | | |
| t_TrqTableX_HwNm_u8p8[0] | | | |
| t_TrqTableX_HwNm_u8p8[1] | 2304 | | |
| t_TrqTbIY_Uls_u2p14[0] | 279 | | |
| t_TrqTbIY_UIs_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 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 | 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_ | target_EOTActuatorMng_Per1_AssistEOTDa | amping_MtrNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls | · | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr | | | |
| | 3 | | |
| 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_Cr | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igenum and the property of the property$ | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTorMng_Rest_Rte_Inst_Ap_EOTActuaTo$ | 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_ | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph | target_EOTActuatorMng_Per1_VehicleSpeed | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.01352 | 3.01352 ± 0.0000390625 | - |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 200.145004 | 200.145004 ± 0.0000390625 | • |
| EOTActuatorMng FiltEOTGainSV HwNm M u1p31 | 916075930 | 916075930 ± 1 | - |

916075930

916075930 ± 1

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| 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 | • |

| Test Step Call Trace | | | 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 | ~ |

| Name | Input Value |
|---|---------------------------------------|
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.4000001 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 342.355988 |
| EOTActuatorMng FiltEOTGainSV HwNm M u1p31 | 730144440 |
| EOTActuatorMng_FiltHWTrqSV_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 |
| CEOTActiveRegionBypassMaxThresh Uls f32 | 0.61500001 |
| CEOTACtiveRegionBypassiviaXTITiest1_0is_132 | 12624 |
| | 640 |
| c_EOTDeltaTrqThrsh_HwNm_u9p7 | 0 |
| C_EOTDynConf_Uls_u8p8 | · · · · · · · · · · · · · · · · · · · |
| x_EOTEnterLPFKn_Cnt_u16 | 999 |
| x_EOTExitLPFKn_Cnt_u16 | 6543 |
| <pre><_EOTImpSpdEn_Kph_u9p7</pre> | 8192 |
| <_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 97.2900009 |
| x_EOTStateHwTrqLPFKn_Cnt_u16 | 200 |
| x_MaxRackTrvl_HwDeg_u12p4 | 2224 |
| _MinRackTrvl_HwDeg_u12p4 | 15440 |
| x_PosRampStep_HwDeg_u12p4 | 9072 |
| x_SoftStopEOTEnable_Cnt_lgc | 1 |
| <pre>c_SpdlptScale_MtrNmpRadpS_u4p12</pre> | 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_Uls_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[1][0] | 7 |
| 2 EOTEnterGainY Uls u1p15[1][1] | 8 |

EOTActuatorMng_Per1

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| 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_EOTEnterGain1_dis_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_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] | 334 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 474 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 410 581 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] t2_EOTExPosDepDmpTbIY_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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 256 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 4224 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1040 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1424 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 768 3360 |
| t2_EOTPosDepDmpTblX_nwDeg_u12p4[2][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 512 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 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 77 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 108 |
| t_EOTDmpVspd_Kph_u9p7[0] | 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] t_SpdlptTblXTbl_HwDeg_u12p4[0] | 20096 432 |
| t SpdlptTblXTbl HwDeg u12p4[1] | 576 |
| t SpdlptTblYTbl MtrRadpS u12p4[0] | 512 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 896 |
| t_TrqTableX_HwNm_u8p8[0] | 1792 |
| t_TrqTableX_HwNm_u8p8[1] | 2048 |
| t_TrqTbIY_Uls_u2p14[0] | 295 |
| t_TrqTblY_Uls_u2p14[1] | 377 |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value target EOTActuatorMng Per1 CcwFound Cnt lgc.value | -110.290001 1 |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_gc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 900.070984 |
| target_EOTActuatorMng_Per1_CwEo1_1wbeg_i3z.value | 1 |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 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_EOTActuatorMng_Per1_AssistEOTDamping_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_AssistEOTGain_Ois_ | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc | 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 Igo | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl | target_EO+ActuatorMng_Per1_HandWheelPos_HwDeg_f32 |
| | torget EOTActuatorMag Dord Hullargue Unahm 600 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f: target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | |



| Name | Input Value | | |
|---|--|----------------------------|----------|
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultD_InstAp_EOTActuatorMng_Per1_OutputRampMultRampMultD_InstAp_EOTActuatorMng_Per$ | 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 | ✓ |

| Test Step Call Trace | | | | 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 2.24 (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 | 0.200000003 |
| 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 |

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| Name | Input Value |
|--|--|
| Name 12_EOTEnterGainX_HwDeg_u12p4[3][3] | 6400 |
| 12_EOTEnterGainY_Uls_u1p15[0][0] | 5 |
| 12_EOTEnterGainY_UIs_u1p15[0][1] | 6 |
| 12_EOTEnterGainY_Uls_u1p15[0][2] | 39 |
| | 383 |
| 12_EOTEnterGainY_Uls_u1p15[0][3] | 7 |
| t2_EOTEnterGainY_Uls_u1p15[1][0] | |
| 12_EOTEnterGainY_Uls_u1p15[1][1] | 8 |
| 12_EOTEnterGainY_Uls_u1p15[1][2] | 98 |
| 12_EOTEnterGainY_Uls_u1p15[1][3] | 954 |
| I2_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 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 383 |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 39 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 5 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 6 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 349 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 495 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 425 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 603 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 425 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 603 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 380 |
| 2 EOTEXPosDepDmpTblY MtrNmpRadps u0p16[3][1] | 538 |
| 2_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] | 928 |
| 2_EOTPosDepDmpTblX_hwDeg_u12p4[0][0] 2_EOTPosDepDmpTblX_hwDeg_u12p4[0][1] | 4240 |
| _ | 1056 |
| 2_EOTPosDepDmpTblX_HwDog_u12p4[1][0] | 1440 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 640 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 3376 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 528 |
| 2_EOTPosDepDmpTbIX_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 |
| 2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[2][1] | 581 |
| 12 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][0] | 92 |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 130 |
| t_EOTDmpVspd_Kph_u9p7[0] | 6784 |
| c_s.propspr_aspr[6] t_EOTDmpVspd_Kph_u9p7[1] | 20224 |
| t_EOTDmpVspd_Kph_u9p7[2] | 20352 |
| | |
| _EOTDmpVspd_Kph_u9p7[3] | 20480 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 6784 |
| _EOTEnterGainVspd_Kph_u9p7[1] | 20224 |
| _EOTEnterGainVspd_Kph_u9p7[2] | 20352 |
| _EOTEnterGainVspd_Kph_u9p7[3] | 20480 |
| :_SpdlptTblXTbl_HwDeg_u12p4[0] | 448 |
| _SpdlptTblXTbl_HwDeg_u12p4[1] | 592 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 528 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[1] | 912 |
| _TrqTableX_HwNm_u8p8[0] | 1536 |
| TrqTableX_HwNm_u8p8[1] | 1792 |
| | 311 |
| :_TrqTblY_Uls_u2p14[1] | 393 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -222.339996 |
| arget EOTActuatorMng Per1 CcwFound Cnt Igc.value | 0 |
| arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 999.033997 |
| arget_EOTActuatorMng_Per1_CwEO1_Hwbeg_l3z.value | 1 |
| | 1 |
| arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.889999986 |
| arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 882.125 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 4.5 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -1350 |
| arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.340999991 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 26.1450005 |
| arget_LOTActuatoriving_Ferr_verificeSpeed_rpn_i32.value | target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 |
| target_EOTActuatorWing_FeT_verificeSpeed_Rpii_52.value target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | |
| | , |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |
| arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 |



| 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_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_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwMDorque_HwNm_fractuatorMng_Per1_HwMDorque_HwM$ | 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_ | target_EOTActuatorMng_Per1_VehicleSpeed | f_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 | ~ |

| Test Step Call Trace | | | | 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 | 3.7999995 |
| 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 |

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| EOTActuatorMng_Per1 | (MACI) | <i>J</i> C10 |
|---|-------------|--------------|
| 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] t2_EOTEnterGainY_Uls_u1p15[1][0] | 478 8 | |
| t2_EOTEItierGainT_Uis_u1p15[1][0] t2_EOTEItierGainY_Uis_u1p15[1][1] | 8 | |
| t2_EOTEItterGain1_dis_u1p15[1][1] t2_EOTEItterGain1_Uls_u1p15[1][2] | 108 | |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 1049 | |
| 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 | |
| 12_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 | |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 365 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 517 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 440 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 624 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 440 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 624 | |
| t2_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 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1072 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1456 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 192 | |
| t2_EOTPosDepDmpTbIX_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] | 52 365 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 213 302 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 425 | |
| t2_EOTF0sDepDmpTblY_MtrNmpRadpS_u0p16[2][0] t2_EOTF0sDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 603 | |
| 12_EOTPOSDEPDITIPTOIT_MUNITIPRAUPS_ubpT0[2][1] 12 EOTPOSDEPDITIPTOIT_MUNITIPRAUPS_u0p16[3][0] | 107 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 151 | |
| t_EOTDmpVspd_Kph_u9p7[0] | 6912 | |
| t_EOTDInpvspd_Kph_u9p7[1] | 20608 | |
| t_EOTDmpVspd_Kph_u9p7[2] | 20736 | |
| t_EOTDmpVspd_Kph_u9p7[3] | 20864 | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 6912 | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 20608 | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 20736 | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 20864 | |
| | 464 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 608 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 544 | |
| | 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 | |
| target_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 | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.430999994 | |

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$





0 ± 0.00048828125

| Name | Input Value | | |
|---|---|----------------------------|--------|
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 27.6539993 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssistEOTD$ | 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 | 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 | 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Pe$ | 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_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 | 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 | ~ |
| | | | |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 Step 2.26 (Repeat Count = 1) | · · |
|---|-----------------------------------|
| 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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| Name | Input Value | |
|---|-------------|--|
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4544 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 4560 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4576 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 880 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 2624 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 2640 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 2656 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][0] | 1520 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 4544 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 4560 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 4576 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 2160 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 6464 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 6480 | |
| P_EOTEnterGainX_HwDeg_u12p4[3][3] | 6496 | |
| P_EOTEnterGainY_Uls_u1p15[0][0] | 6 | |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 7 | |
| P_EOTEnterGainY_Uls_u1p15[0][2] | 59 | |
| EOTEnterGainT_Uis_u1p15[0][3] | 573 | |
| | 8 | |
| P. EOTEnterGainY_Uls_u1p15[1][0] | | |
| E_EOTEnterGainY_Uls_u1p15[1][1] | 9 | |
| _EOTEnterGainY_Uls_u1p15[1][2] | 118 | |
| P_EOTEnterGainY_Uls_u1p15[1][3] | 1144 | |
| P_EOTEnterGainY_Uls_u1p15[2][0] | 5 | |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 6 | |
| P_EOTEnterGainY_Uls_u1p15[2][2] | 39 | |
| P_EOTEnterGainY_Uls_u1p15[2][3] | 383 | |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 573 | |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 59 | |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 6 | |
| P_EOTEnterGainY_Uls_u1p15[3][3] | 7 | |
| _EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 380 | |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 538 | |
| P_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 455 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 646 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 334 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 474 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 410 | |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_dop1o[3][0] 2_EOTEXPosDepDmpTblY_MtrNmpRadps_dop1o[3][1] | | |
| _ | 581 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 352 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 4272 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1088 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1472 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 704 | |
| P_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 3408 | |
| P_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 560 | |
| P_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 944 | |
| P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 54 | |
| P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 380 | |
| P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 349 | |
| P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 495 | |
| P_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 440 | |
| P_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] | 624 | |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 122 | |
| | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 173 | |
| _EOTDmpVspd_Kph_u9p7[0] | 7040 | |
| _EOTDmpVspd_Kph_u9p7[1] | 20992 | |
| EOTDmpVspd_Kph_u9p7[2] | 21120 | |
| EOTDmpVspd_Kph_u9p7[3] | 21248 | |
| 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 | |
| SpdIptTbIXTbl_HwDeg_u12p4[1] | 624 | |
| | 560 | |
| SpdIptTblYTbl_MtrRadpS_u12p4[0] | | |
| SpdIptTblYTbl_MtrRadpS_u12p4[1] | 944 | |
| TrqTableX_HwNm_u8p8[0] | 768 | |
| TrqTableX_HwNm_u8p8[1] | 1280 | |
| TrqTbIY_Uls_u2p14[0] | 344 | |
| TrqTbIY_Uls_u2p14[1] | 426 | |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -333.082001 | |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 0 | |

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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_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Results (Application of the Company of$ | target_EOTActuatorMng_Per1_AssistEOTDa | mping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_AssistEOTActuatorMng_Ap_EOTActuatorMng_ApACTuatorMng$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igcolor=0.00000000000000000000000000000000000$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Per1_MtrRadpS_Per1_$ | 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 | 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 | • |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.819122314 | 0.819122314 ± 0.0625 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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

3.78112006

0.819122314

8.80000019

SES_DISABLED

3.78112006 ± 0.00048828125

0.819122314 ± 0.0000390625

8.80000019 ± 0.00048828125

| 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 |

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| Name | Input Value | |
|--|----------------|--|
| Name k_MaxRackTrvl_HwDeg_u12p4 | 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 | |
| 12_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 | |
| 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_EOTEItterGain1_Uis_u1p15[1][2] 2_EOTEItterGain1_Uis_u1p15[1][3] | 1239 | |
| 2_EOTEnterGainY_Uls_u1p15[7][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] | 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] | 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_EOTPosDepDmpTbIX_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_EOTPosDopDmpTblY_MtrNmpRadpS_u0p16[2][1] | 646 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 137 194 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 7168 | |
| _EOTDmpVspd_Kph_u9p7[0] | | |
| _EOTDmpVspd_Kph_u9p7[1] | 21376 21504 | |
| _EOTDmpVspd_Kph_u9p7[2] _EOTDmpVspd_Kph_u9p7[3] | 21632 | |
| _EOTDmpVspd_Kph_u9p7[3] | 7168 | |
| _EOTEnterGainVspd_Kph_u9p7[0] | 21376 | |
| :_EOTEnterGainVspd_Kph_u9p7[1] | 21504 | |
| :_EOTEnterGainVspd_Kph_u9p7[2] | 21632 | |
| t_EOTEnterGainVspd_Kph_u9p7[3] t_SpdlptTblXTbl_HwDeg_u12p4[0] | 496 | |
| t_SpdiptTblXTbl_HwDeg_u12p4[0] t_SpdiptTblXTbl_HwDeg_u12p4[1] | 640 | |
| _SpdiptTblXTbl_mwDeg_u12p4[1] :_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 576 | |
| Openper.bit.ibi_ividi.tedpO_d.t2p4[0] | 510 | |



EOTActuatorMng_Per1

| | | • | |
|---|---|---------------------------|----------|
| Name | Input Value | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1024 | | |
| t_TrqTblY_Uls_u2p14[0] | 360 | | |
| t_TrqTblY_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_AssistEOTD | amping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Ultrackets and the property of the prope$ | s_ target_EOTActuatorMng_Per1_AssistEOTG | ain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mng_Per1_AssisTEOTLimit_Mng_Per$ | rt target_EOTActuatorMng_Per1_AssistEOTL | mit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_Per1_CcwEOT_HwD$ | f3 target_EOTActuatorMng_Per1_CcwEOT_H | wDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lg$ | target_EOTActuatorMng_Per1_CcwFound_ | Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f | target_EOTActuatorMng_Per1_CwEOT_Hw | Deg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_lgcdescents and target_Rte_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst_Ap_EOTActuatorMng.Per1_CwFound_Cnt_Inst$ | target_EOTActuatorMng_Per1_CwFound_C | :nt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Results (Application of the Company of the Company$ | gc target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_United States and the property of the pr$ | lls target_EOTActuatorMng_Per1_HandWheel | Auth_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos H | wl target_EOTActuatorMng_Per1_HandWheell | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_Per1_HwNm_Pe$ | _f: target_EOTActuatorMng_Per1_HwTorque_I | HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadparter (Approximately a content of the c$ | S. target_EOTActuatorMng_Per1_MotorVel_M | trRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLiteration and the property of the prope$ | d_ target_EOTActuatorMng_Per1_OutputRamp | MultLtd_Uls_f32 | |
| 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 | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | ~ |

0.696289063

3.97301984

0.696289063

8.80000019

SES_NORMAL

0.696289063 ± 0.0625

3.97302008 ± 0.00048828125

0.696289063 ± 0.0000390625

8.80000019 ± 0.00048828125

SES_NORMAL

| 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_PrevEOTGain_Uls_M_f32

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

 ${\sf EOTActuatorMng_SESState_Uls_M_enum}$

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| EOTActuatorMng_Per1 | | Tazol(ab |
|---|-------------|----------|
| Name | Input Value | |
| k_EOTDynConf_Uls_u8p8 | 10240 | |
| k_EOTEnterLPFKn_Cnt_u16 | 3476 | |
| k_EOTExitLPFKn_Cnt_u16 | 6666 | |
| k_EOTImpSpdEn_Kph_u9p7 | 8832 | |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 117.540001 | |
| LEOTStateHwTrqLPFKn_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 | |
| t2_EOTEnterGainX_rwbeg_u12p4[0][0] t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4640 | |
| t2_EOTEItterGainX_f1wDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 4656 | |
| | | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4672 | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 912 | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 2720 | |
| 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 | |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 4672 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 2192 | |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 6560 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][2] | 6576 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 6592 | |
| t2_EOTEnterGainY_Uls_u1p15[0][0] | 7 | |
| t2_EOTEnterGainY_Uls_u1p15[0][1] | 7 | |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 78 | |
| 12_EOTEnterGainY_Uls_u1p15[0][3] | 763 | |
| 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] | 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] | 763 | |
| t2_EOTEnterGainY_Uis_u1p15[3][1] | 78 | |
| t2_EOTEnterGainT_Ois_u1p15[3][1] t2_EOTEnterGainY_Uis_u1p15[3][2] | 7 | |
| | 7 | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | | |
| 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 | |
| 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 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 288 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 3440 | |
| t2_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_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] | 87 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 10 | |
| 2_EOTPosDepDinpTbHT_MitNinpRadpS_u0pTo[2][0] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 452 | |
| | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 62 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 87 | |
| _EOTDmpVspd_Kph_u9p7[0] | 7296 | |
| _EOTDmpVspd_Kph_u9p7[1] | 21760 | |
| t_EOTDmpVspd_Kph_u9p7[2] | 21888 | |
| t_EOTDmpVspd_Kph_u9p7[3] | 22016 | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 7296 | |

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| 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_SpdIptTbIYTbl_MtrRadpS_u12p4[0] | 592 | | |
| t_SpdIptTbIYTbl_MtrRadpS_u12p4[1] | 976 | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 768 | | |
| t_TrqTbIY_UIs_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping$ | target_EOTActuatorMng_Per1_AssistEOTD | amping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_InstAp_EOTActuatorMng_Rt$ | target_EOTActuatorMng_Per1_AssistEOTG | ain_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mtr | target_EOTActuatorMng_Per1_AssistEOTL | imit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_from the property of the $ | target_EOTActuatorMng_Per1_CcwEOT_H | wDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgcrosservers and the property of the pro$ | target_EOTActuatorMng_Per1_CcwFound_ | 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 | Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg | target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ullimits and the property of the propert$ | target_EOTActuatorMng_Per1_HandWheel | Auth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwarderset = 100000000000000000000000000000000000$ | target_EOTActuatorMng_Per1_HandWheel | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_Per1_HwNm$ | f target_EOTActuatorMng_Per1_HwTorque_I | HwNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_M | trRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtccceptcolors and the property of the p$ | target_EOTActuatorMng_Per1_OutputRamp | oMultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpe$ | target_EOTActuatorMng_Per1_VehicleSpee | ed_Kph_f32 | |
| Name | Actual Value | Expected Value | Result |
| FOTActuatorMng Damping MtrNm M f32 | 4.63508034 | 4 63507086 ± 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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

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Input Value EOTActuatorMng_PrevEOTGain_Uls_M_f32 0.670000017 SES_NORMAL EOTActuatorMng_SESState_Uls_M_enum Rte Inst Ap EOTActuatorMng target_Rte_Inst_Ap_EOTActuatorMng k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k EOTDefltPosition_HwDeg_u12p4 4080 k_EOTDeltaTrqThrsh_HwNm_u9p7 1024 k_EOTDynConf_Uls_u8p8 12800 k_EOTEnterLPFKn_Cnt_u16 8456 k_EOTExitLPFKn_Cnt_u16 7777 $k_EOTImpSpdEn_Kph_u9p7$ 8960 $k_EOTO riginal Impact and Soft End_Cnt_lgc$ 121.589996 k EOTPosDepDempFinalSlew MtrNmpS T f32 k_EOTStateHwTrqLPFKn_Cnt_u16 3756 2320 k_MaxRackTrvl_HwDeg_u12p4 k_MinRackTrvl_HwDeg_u12p4 12448 11008 k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc 91 k SpdlptScale MtrNmpRadpS u4p12 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_EOTEnterGainY_Uls_u1p15[0][0] t2_EOTEnterGainY_Uls_u1p15[0][1] 8 t2_EOTEnterGainY_Uls_u1p15[0][2] 88 859 t2_EOTEnterGainY_Uls_u1p15[0][3] t2_EOTEnterGainY_Uls_u1p15[1][0] 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] 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] 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] 13 t2_EOTExPosDepDmpTbIY_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] 928 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 4320 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 1280 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 736 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0]$ 640 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 3456 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 608 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 992 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 52 t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[0][1] 68 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 77 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 108 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 68 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 515 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 77

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EOTActuatorMng_Per1

| EOTActuatorMng_Per1 | | | MACILAG |
|---|--|----------------------------|---------|
| 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_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 608 | | |
| t SpdiptTblYTbl MtrRadpS u12p4[1] | 992 | | |
| | 512 | | |
| t_TrqTableX_HwNm_u8p8[0] | | | |
| t_TrqTableX_HwNm_u8p8[1] | 1024 | | |
| t_TrqTblY_Uls_u2p14[0] | 393 | | |
| t_TrqTblY_Uls_u2p14[1] | 475 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -440.040985 | | |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 1300.46997 | | |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 0 | | |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 | | |
| 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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDameter and the property of t$ | ping_ target_EOTActuatorMng_Per1_AssistE0 | OTDamping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGainstand (Color of the Color o$ | _Uls_ target_EOTActuatorMng_Per1_AssistE0 | OTGain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit \\$ | _Mtrl target_EOTActuatorMng_Per1_AssistE0 | OTLimit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDerror = 0.0000000000000000000000000000000000$ | eg_f3 target_EOTActuatorMng_Per1_CcwEO | Γ_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cntarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuato$ | t_lgc target_EOTActuatorMng_Per1_CcwFou | nd_Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDe | g f32 target_EOTActuatorMng_Per1_CwEOT | _HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Results = 0.0000000000000000000000000000000000$ | lgc target_EOTActuatorMng_Per1_CwFoun | d_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTD is able_Cotation for the control of the control of$ | nt_lgc target_EOTActuatorMng_Per1_EOTDis | able_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuters and the property of th$ | h_Uls target_EOTActuatorMng_Per1_HandWh | neelAuth_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos | s_Hwl target_EOTActuatorMng_Per1_HandWh | neelPos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwIorque_H$ | Nm_f: target_EOTActuatorMng_Per1_HwTorq | ue_HwNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrR | adpS target_EOTActuatorMng_Per1_MotorVe | el_MtrRadpS_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMu | ultLtd_ target_EOTActuatorMng_Per1_OutputR | ampMultLtd_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed | Kph target_EOTActuatorMng_Per1_VehicleS | Speed_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 FiltHWTrgSV HwNm M s7p24 | 116959744 | 116959744 ± 1 | |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.0219999999 | 0.0219999999 ± 0.00390625 | |
| EOTActuatorMng PrevEOTGain Uls M f32 | 0.482391357 | 0.482391357 ± 0.0625 | |
| EOTActuatorMng_FlevEoTGain_UIs_M_enum | SES_DISABLED | SES_DISABLED | |
| target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32.value | 4.35682011 | 4.35682011 ± 0.00048828125 | |
| targot_Lo i Actual Diving_Fe i _AssistLO i Damping_ivitiviii_132.value | 7.0002011 | 7.0002011 ± 0.00040020120 | |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | ~ |

0.482391357

0.844127178

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0.482391357 ± 0.0000390625

0.844127178 ± 0.00048828125



| Test Step 2.30 (Repeat Count = 1) | |
|---|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 4.80000019 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 454.779999 |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 944892805 |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -100663296 |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.560000002 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.273000002 |
| k_EOTDefltPosition_HwDeg_u12p4 | 5680 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 896 |
| k_EOTDynConf_Uls_u8p8 | 15360 |
| k_EOTEnterLPFKn_Cnt_u16 | 464 |
| k_EOTExitLPFKn_Cnt_u16 | 8888 |
| k_EOTImpSpdEn_Kph_u9p7 | 9088 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 125.639999 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 8456 |
| k_MaxRackTrvl_HwDeg_u12p4 | 2336 |
| k_MinRackTrvI_HwDeg_u12p4 | 10656 |
| k_PosRampStep_HwDeg_u12p4 | 12432 |
| k_SoftStopEOTEnable_Cnt_lgc | 1 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 92 |
| 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_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] | 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] | 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] | 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][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_HwDog_u12p4[0][0] | 800 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[0][1] | 4336 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[1][0] | 1312 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[1][1] | 752 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[2][0] | 352 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 3472 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 640 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4016 |

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EOTActuatorMng_Per1

| Name | Input Value | | |
|--|---------------|----------------------------|-------|
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 99 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 698 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 92 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 130 | | |
| t2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[2][0] | 698 | | |
| t2_EOTPosDepDmpTblY_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_SpdIptTblXTbl_HwDeg_u12p4[0] | 544 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 688 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 624 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 1008 | | |
| t_TrqTableX_HwNm_u8p8[0] | 0 | | |
| t TrqTableX HwNm u8p8[1] | 256 | | |
| t TrqTblY Uls u2p14[0] | 410 | | |
| t_TrqTbIY_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 Igc.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 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | | ssistEOTDamning MtrNm f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_H | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_ | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisab | , , | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhee | 0 _ 0 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhee | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl OutputRan | . 0 _ 0 | | |
| | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpe | | | D |
| Name | Actual Value | Expected Value | Resul |
| 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 AssistEOTI imit MtrNm f32 value | 8 8000010 | 8 80000019 + 0 00048828125 | |

8.80000019

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

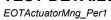
8.80000019 ± 0.00048828125



| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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_FiltHWTrqSV_HwNm_M_s7p24 | 100663296 |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.560000002 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.875999987 |
| k_EOTDefltPosition_HwDeg_u12p4 | 7280 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 768 |
| k_EOTDynConf_Uls_u8p8 | 0 |
| k_EOTEnterLPFKn_Cnt_u16 | 3356 |
| k_EOTExitLPFKn_Cnt_u16 | 9999 |
| k_EOTImpSpdEn_Kph_u9p7 | 9216 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| 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_EOTEnterGainT_UIS_u1p15[1][1] t2_EOTEnterGainY_UIS_u1p15[1][2] | 167 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 1619 |
| t2_EOTEnterGain1_Uis_u1p15[1][0] | 6 |
| t2_EOTEnterGainT_Uis_u1p15[2][0] t2_EOTEnterGainY_Uis_u1p15[2][1] | 6 |
| t2_EOTEnterGainT_UIs_u1p15[2][1] t2_EOTEnterGainY_UIs_u1p15[2][2] | 49 |
| t2_EOTEnterGainY_Uls_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3] | 49 |
| t2_EOTEnterGainY_Uls_u1p15[2][3] t2_EOTEnterGainY_Uls_u1p15[3][0] | 1049 |
| t2_EOTEnterGainT_Uis_u1p15[3][0] t2_EOTEnterGainY_Uis_u1p15[3][1] | 1049 |
| E_E01E1161041111_015_01p10[0][1] | 100 |

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| Name | 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_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] | 517 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 32 | | |
| t2_EOTExPosDepDmpTblY_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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 800 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 320 | | |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[1][1] | 0 4480 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTbIX_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] | 4 | | |
| 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_EOTPosDepDmpTblY_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 | | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 7680 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 22912 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 23040 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 23168 | | |
| t_SpdIptTblXTbl_HwDeg_u12p4[0] | 320 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 704 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 640 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[1] | 0 | | |
| t_TrqTableX_HwNm_u8p8[0] | | | |
| t_TrqTableX_HwNm_u8p8[1] t_TrqTbIY_UIs_u2p14[0] | 1536 | | |
| t_TrqTbIY_Uls_u2p14[1] | 426 508 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -550.164001 | | |
| target EOTActuatorMng Per1 CcwFound Cnt lgc.value | 1 | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 1400.67004 | | |
| target EOTActuatorMng Per1 CwFound Cnt Igc.value | 1 | | |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 | | |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.790000021 | | |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -222.414001 | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -7.5 | | |
| 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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | | | |
| 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_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_Hwl | | | |
| target_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_HandwheelPos_Hwltarget_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_HandwheelPos_Hwltarget_Rte_inst_Ap_EOTActuatorMng.EOTActuatorMng_Peri_HandwheelPos_Hwltarget_Rte_inst_Ap_EO | · - · - | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_mvTorque_mvNm_i. | | _ | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per I Inition Ver Initiation and | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultitut target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_ | , | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 4.74062014 | 4.74062014 ± 0.0000390625 | Result |
| EOTActuatorMing_Damping_MtNin_iv_isz EOTActuatorMing_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 | ~ |
| | | | |

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| 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 | ✓ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 2.32 (Repeat Count = 1) | In a Walter |
|---|-----------------------------------|
| 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 |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.349000007 |
| k_EOTDefltPosition_HwDeg_u12p4 | 8880 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 640 |
| c_EOTDynConf_Uls_u8p8 | 20480 |
| <_EOTEnterLPFKn_Cnt_u16 | 7544 |
| <pre>k_EOTExitLPFKn_Cnt_u16</pre> | 543 |
| k_EOTImpSpdEn_Kph_u9p7 | 3968 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| <_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 133.740005 |
| <pre><_EOTStateHwTrqLPFKn_Cnt_u16</pre> | 7464 |
| k_MaxRackTrvl_HwDeg_u12p4 | 2368 |
| k_MinRackTrvl_HwDeg_u12p4 | 15984 |
| PosRampStep HwDeg u12p4 | 8880 |
| SoftStopEOTEnable Cnt Igc | 1 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 93 |
| 2 EOTEnterGainX HwDeg u12p4[0][0] | 1616 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4832 |
| t2 EOTEnterGainX HwDeg u12p4[0][2] | 4848 |
| 12_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_rwbeg_d12p4[2][0] | 1616 |
| 2_EOTEIRE/GainX_1WDeg_u12p4[2][0] | 4832 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 4848 |
| :2_EOTEnterGainX_HwDeg_u12p4[2][3] | 4864 |
| 12_EOTEING/GainX_1Wb6g_u12p4[2][0] 12_EOTEInterGainX_HwDeg_u12p4[3][0] | 2256 |
| 2_EOTEItierGainX_1Wb6g_u12p4[3][1] | 6752 |
| :2_EOTEItierGainX_nwbeg_u12p4[3][1] :2_EOTEnterGainX_HwDeg_u12p4[3][2] | 6768 |
| | 6784 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[0][0] 2_EOTEnterGainY_Uls_u1p15[0][1] | 9 |
| | 118 |
| 2_EOTEnterGainY_Uls_u1p15[0][2] | 118 |
| 2_EOTEnterGainY_Uls_u1p15[0][3] | |
| t2_EOTEnterGainY_Uls_u1p15[1][0] | 10 |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 10 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 176 |

EOTActuatorMng_Per1

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| 2017 otaatoming_r err | |
|---|--|
| 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 |
| 12_EOTEnterGainY_UIs_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 |
| 12 EOTEXPOSDEpDmpTbIY_MtrNmpRadps_u0p16[0][1] | 130 |
| | 380 |
| <pre>12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 12_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1]</pre> | 538 |
| | 16 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 22 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 77 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 4800 |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 3520 |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 5760 |
| I2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 704 |
| I2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] | 4048 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 103 |
| l2_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 |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 23296 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 23424 |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 23552 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 336 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 720 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 656 |
| t SpdlptTblYTbl MtrRadpS u12p4[1] | 1040 |
| t TrgTableX HwNm u8p8[0] | 1024 |
| t_TrqTableX_HwNm_u8p8[1] | 1280 |
| t_TrqTblY_Uls_u2p14[0] | 442 |
| t_TrqTblY_Uls_u2p14[1] | 524 |
| | -666.47998 |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value target EOTActuatorMng Per1 CcwFound Cnt lgc.value | -666.47998 |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value 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 |
| arget_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_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc | target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3 | 2 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwFound_Cnt_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 Ul | s target_EOTActuatorMng_Per1_HandWheelAuth_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_HandWheelPos_Hw target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_ | target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth UI 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_MotorVel_MtrRadpS target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtc | // target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 f. target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 s. target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 |



| Name | Input Value | | |
|---|---|----------------------------|--------|
| 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 | 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 | ~ |

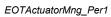
| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached | 1 | Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached | 1 | ~ |
| EOTDetermination | 1 | EOTDetermination | 1 | ~ |
| 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 | 5.4000001 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 1440.10999 |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 236223201 |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 83886080 |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.340000004 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_UIs_f32 | 0.388000011 |
| 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 | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 137.789993 |
| 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_SpdIptScale_MtrNmpRadpS_u4p12 | 93 |
| 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_EOTEnterGainY_Uls_u1p15[0][0] | 8 |

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| EOTActuatorMng_Per1 | TAZOICAG |
|---|--|
| Name | Input Value |
| 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] | 10 |
| t2_EOTEnterGainY_Uls_u1p15[1][1] | 11 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 186 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 1809 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 6 |
| t2_EOTEnterGainY_Uls_u1p15[2][1] | 7 |
| t2_EOTEnterGainY_Uls_u1p15[2][2] | 69 |
| 12_EOTEnterGainY_Uls_u1p15[2][3] | 668 |
| 12_EOTEnterGainY_Uls_u1p15[3][0] | 1239 |
| 12_EOTEnterGainY_Uls_u1p15[3][1] | 127 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 9 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 4 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 26 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 395 |
| 2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[1][1] | 560 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 62 |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 87 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 92 |
| t2_EOTEXPOSDEpDmpTbIY_MttNmpRadps_u0p16[3][1] | 130 |
| t2_EOTExPosDepDmpTblX_HwDeg_u12p4[0][0] | 352 |
| | 1440 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 3360 |
| <pre>I2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] I2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]</pre> | 4960 |
| | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 4640 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 5760 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 784 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4064 |
| I2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] | 105 |
| I2_EOTPosDepDmpTbIY_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 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 194 |
| t_EOTDmpVspd_Kph_u9p7[0] | 7936 |
| t_EOTDmpVspd_Kph_u9p7[1] | 23680 |
| t_EOTDmpVspd_Kph_u9p7[2] | 23808 |
| t_EOTDmpVspd_Kph_u9p7[3] | 23936 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 7936 |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 23680 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 23808 |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 23936 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 352 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 736 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 672 |
| SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1056 |
| t_TrqTableX_HwNm_u8p8[0] | 512 |
| t_TrqTableX_HwNm_u8p8[1] | 1024 |
| t TrqTblY Uls u2p14[0] | 459 |
| :_TrqTblY_Uls_u2p14[1] | 541 |
| target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | -660.487 |
| target_EOTActuatorMng_Per1_CowFound_Cnt_lgc.value | 1 |
| target_EOTActuatorwing_Fer1_CvEOT_HwDeg_f32.value | 765.340027 |
| arget_EOTActuatorMng_Per1_CwEOT_Hwbeg_is2.value | 0 |
| · - · · · · · · · · · · · · · · · · · · | 0 |
| arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | |
| arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -333.140991 • 5 |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -8.5 |
| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 250 |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.55400002 |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 12.5220003 |
| arget_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 | |
| | Larget FOTA strategian Part CourFOT Hurban 522 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc | 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Pe$ | target_EOTActuatorMng_Per1_HwTorque_H | wNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMn$ | 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 | 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 | • |

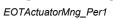
| Test Step Call Trace | | | | V |
|--|-------|--|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached | 1 | Rte_Call_EOTActuatorMng_Per1_CP0_CheckpointReached | 1 | ~ |
| EOTDetermination | 1 | EOTDetermination | 1 | • |
| 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 2.34 (Repeat Count = 1) | ▼ |
|---|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 5.5999999 |
| 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 |

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| EOTActuatorMng_Per1 | TAACI(A) |
|--|-------------|
| 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 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 6848 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 6864 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 6880 |
| t2_EOTEnterGainY_Uls_u1p15[0][0] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[0][2] | 137 |
| 2_EOTEnterGainY_Uls_u1p15[0][3] | 1334 |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | 5 |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 5 |
| 2_EOTEnterGainY_Uls_u1p15[1][2] | 196 |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 1930 |
| 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] | 1334 |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 137 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 9 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 122 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 173 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 380 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 538 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 77 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 108 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 4 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 26 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 160 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 480 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 4800 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 5760 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 1760 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 2672 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 768 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4080 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 11 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 76 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 153 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 216 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 76 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 108 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 153 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 216 |
| _EOTDmpVspd_Kph_u9p7[0] | 8064 |
| _EOTDmpVspd_Kph_u9p7[1] | 24064 |
| _EOTDmpVspd_Kph_u9p7[2] | 24192 |
| _EOTDmpVspd_Kph_u9p7[3] | 24320 |
| _EOTEnterGainVspd_Kph_u9p7[0] | 8064 |
| _EOTEnterGainVspd_Kph_u9p7[1] | 24064 |
| _EOTEnterGainVspd_Kph_u9p7[2] | 24192 |
| _EOTEnterGainVspd_Kph_u9p7[3] | 24320 |
| _SpdlptTblXTbl_HwDeg_u12p4[0] | 368 |
| _SpdlptTblXTbl_HwDeg_u12p4[1] | 752 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 688 |
| _SpdIptTblYTbl_MtrRadpS_u12p4[1] | 1072 |
| _TrqTableX_HwNm_u8p8[0] | 1792 |
| _TrqTableX_HwNm_u8p8[1] | 2304 |
| _TrqTbIY_Uls_u2p14[0] | 475 |
| _TrqTbIY_Uls_u2p14[1] | 557 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -777.370972 |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 0 |
| arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 876.583984 |
| arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 1 |
| arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 444.458008 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 9.5 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -250 |
| | 0.995000005 |





| Name | Input Value | | |
|---|--|----------------------------|--------|
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 13.0539999 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuator$ | target_EOTActuatorMng_Per1_AssistEOTDa | mping_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ | target_EOTActuatorMng_Per1_AssistEOTGa | in_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$ | 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 | :nt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f32 | target_EOTActuatorMng_Per1_CwEOT_HwI | Deg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwFound_Cnt_Igc$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwlore Ap_EOTActuatorMng_Per1_HandWheelPos_Hwlore Ap_EOTActuatorMng_Per1_HandWheelPos_Hwlore Ap_EOTActuatorMng_Per1_HandWheelPos_Hwlore Ap_EOTActuatorMng_Per1_HandWheelPos$ | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$ | target_EOTActuatorMng_Per1_HwTorque_H | wNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Results (Application of the Company o$ | target_EOTActuatorMng_Per1_MotorVel_Mtr | RadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$ | Ltd_target_EOTActuatorMng_Per1_OutputRampMultLtd_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 | 5.31631994 | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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_Uls_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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| 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 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 3088 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 1664 4976 |
| t2_EOTEnterGainX_nwbeg_u12p4[2][1] 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_EOTEnterGainY_Uls_u1p15[0][0] | 5 |
| t2_EOTEnterGainY_Uls_u1p15[0][1] | 6 29 |
| t2_EOTEnterGainY_UIs_u1p15[0][2] t2_EOTEnterGainY_UIs_u1p15[0][3] | 28 |
| t2_EOTEnterGainY_Uls_u1p15[1][0] | 5 |
| t2_EOTEnterGainY_Uls_u1p15[1][1] | 6 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 290 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 2880 |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 7 |
| t2_EOTEnterGainY_UIs_u1p15[2][1] | 8 |
| t2_EOTEnterGainY_Uls_u1p15[2][2] | 88 859 |
| t2_EOTEnterGainY_Uls_u1p15[2][3] 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] | 137 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 194 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 77 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 108 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 92 130 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 122 |
| t2_EOTExPosDepDmpTblY_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 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 5760 800 |
| t2_EOTPosDepDmpTbIX_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 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 388 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 168 237 |
| t EOTDmpVspd Kph u9p7[0] | 8192 |
| t EOTDmpVspd Kph u9p7[1] | 24448 |
| t_EOTDmpVspd_Kph_u9p7[2] | 24576 |
| t_EOTDmpVspd_Kph_u9p7[3] | 24704 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 8192 |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 24448 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 24576 |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 24704 384 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] t_SpdlptTblXTbl_HwDeg_u12p4[1] | 768 |
| t_SpdiptTblYTbl_MtrRadpS_u12p4[1] | 704 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1088 |
| t_TrqTableX_HwNm_u8p8[0] | 1792 |
| t_TrqTableX_HwNm_u8p8[1] | 2048 |
| t_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 1 |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | · · |



| 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_ | 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_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_Hw[| 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 | lwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Per1_MtrRadpS_Per1_MtrRadp$ | target_EOTActuatorMng_Per1_MotorVel_Mtr | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$ | 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 | 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 | ~ |

| Test Step Call Trace | | | | 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 2.36 (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

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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 t2_EOTEnterGainY_Uls_u1p15[3][3] 6 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 153 216 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] 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 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0]$ n 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

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| EOTActuatorMng_Per1 | 9, 10.31.21 10330 | Razorcat |
|---|---|----------|
| 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_AssisTEOTDAMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA$ | target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtg.EOTActuatorMng_AssistEOTLimit_Mtg.EOTActuatorMng_AssisTOTActuatorMng_AssisTOTActuatorMng_AssisTOTActuatorMng$ | target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_from the property of the $ | target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgcomes and the property of the property $ | target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwEOT_HwDeg_f3000000000000000000000000000000000000$ | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$ | target_EOTActuatorMng_Per1_CwFound_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_logerstarget and the property of the pr$ | target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uarderschaften auch auch auch auch auch auch auch auch$ | ls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hvertigeness and the property of the prop$ | vl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm | f. target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadptorMng.EOTActuatorMng_Per1_MotorVel_MtrRadptorMng.EOTActuatorMng.Per1_MotorVel_MtrRadptorMng.EOTActuatorMng.Per1_MotorVel_MtrRadptorMng.EOTActuatorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_MotorVel_MtrRadptorMng.Per1_Mtr$ | S target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtderformulter (Control of the Control of$ | target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph | target EOTActuatorMng Per1 VehicleSpeed Kph 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 | ~ |
| 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 | ✓ |

| Test Step Call Trace | | | | 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 2.37 (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 |

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| | <u> </u> | |
|---|----------------|--|
| 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_MinRackTrvI_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 9120 | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9136 | |
| 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] | 1376 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][1] | 4112 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][2] | 4128 | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 4144 6 | |
| t2_EOTEnterGainY_UIs_u1p15[0][0] t2_EOTEnterGainY_UIs_u1p15[0][1] | 6 | |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 49 | |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 478 | |
| 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] | 108 | |
| t2_EOTEnterGainY_Uls_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3] | 108 | |
| 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] | 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] | 122 173 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 153 | |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 216 | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 800 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1184 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 944 | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 1328 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 656 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1040 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 864 4128 | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] | 13 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 92 | |
| t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] | 198 | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 280 | |
| t2_EOTPosDepDmpTblY_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 25472 | |
| t_EOTDmpVspd_Kph_u9p7[3] t_EOTEnterGainVspd_Kph_u9p7[0] | 25472 8448 | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 25216 | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 25344 | |
| | | |

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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_TrqTblY_Uls_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | target_EOTActuatorMng_Per1_AssistEOTDa | amping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_$ | 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_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Per1_CcwEOT_HwDeg_factuatorMng_Fact | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulanderschaften auch auch auch auch auch auch auch auch$ | target_EOTActuatorMng_Per1_HandWheelA | Auth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwarderset and the property of the proper$ | target_EOTActuatorMng_Per1_HandWheelF | Pos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_restrictions and the property of the pro$ | target_EOTActuatorMng_Per1_HwTorque_F | łwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpStarter(Mathematical Control of the Control of Co$ | target_EOTActuatorMng_Per1_MotorVel_Mt | 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 | 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 structural and Outrout Doman Multillated NA 522 | 0.436000007 | 0.426000007 + 0.00200625 | -4 |

| Test Step Call Trace | | | | ~ |
|--|-------|--|-------|----------|
| 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 FiltHWTrgSV 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

EOTActuatorMng_Per1

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| 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 |
| k_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 |
| k_MaxRackTrvl_HwDeg_u12p4 | 2464 15280 |
| k_MinRackTrvl_HwDeg_u12p4 k_PosRampStep_HwDeg_u12p4 | 3920 |
| k_SoftStopEOTEnable_Cnt_lgc | 1 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 93 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 1296 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 3872 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 3888 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 3904 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 3056 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9152 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | 9168 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9184 |
| 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] | 1392 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][1] | 4160 |
| t2_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 |
| 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] | 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] | 183 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 259 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 122 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 173 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 137 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 194 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 168 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 237 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 816 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1200 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 960 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1344 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[2][0] | 672 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[2][1] | 1056 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[3][0] | 896 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4144 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 45 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 102 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 304 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 431 153 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 216 74 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 14 |

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EOTActuatorMng_Per1

| EOTACIDATORNING_FETT | | | TOILCITOIT |
|---|--|--------------------------|------------|
| 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 TrqTableX 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 | | |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 898.314026 | | |
| target EOTActuatorMng Per1 CwFound Cnt Igc.value | 1 | | |
| target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 | | |
| 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 AssistEOTDamping | 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 Mtr1 | | | |
| 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 | | |
| 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 | | |
| 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 | target_EOTActuatorMng_Per1_VehicleSpee | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng Damping MtrNm M f32 | 6.08392 | 6.08392 ± 0.0000390625 | resurt |
| 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 | <u> </u> |
| targot_Lo i rotuatoriving_i or i_rosistLo i Damping_iviti vini_loz.value | 0.00002 | 0.00002 1 0.00040020120 | |

| Test Step Call Trace | | | | 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 k_EOTDeltaTrqThrsh_HwNm_u9p7 | 11104 384 |
| k_EOTDynConf_Uls_u8p8 | 38400 |
| k_EOTENTECHT_CIS_ucpo | 6666 |
| k_EOTExitLPFKn_Cnt_u16 | 8665 |
| k_EOTImpSpdEn_Kph_u9p7 | 4864 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 162.089996 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 2789 |
| k_MaxRackTrvl_HwDeg_u12p4 | 2480 |
| k_MinRackTrvl_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 9200 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9216 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9232 |
| t2_EOTEnterGainX_TWDeg_u12p4[1][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] | 4240 |
| t2_EOTEnterGainY_Uls_u1p15[0][0] | 6 |
| t2_EOTEnterGainY_Uls_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 98 |
| t2_EOTEnterGainY_Uls_u1p15[2][2] t2_EOTEnterGainY_Uls_u1p15[2][3] | 954 |
| t2_EOTEnterGainY_Uls_u1p15[2][3] t2_EOTEnterGainY_Uls_u1p15[3][0] | 288 |
| 12_E0TEnterGainY_0is_u1p15[3][0] 12_E0TEnterGainY_Uls_u1p15[3][1] | 29 |
| t2_EOTEnterGainY_Uls_u1p15[3][1] | 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 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 153 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 216 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 183 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 259 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 832 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 1216 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 976 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1360 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 688 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1072 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 928 |

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EOTActuatorMng_Per1

| EOTACIdatoriwing_T CTT | | | 1-410-10 |
|--|--------------------------------------|----------------------------|----------|
| Name | Input Value | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4160 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 17 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 122 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 319 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 452 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 12 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 88 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 76 | | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 108 | | |
| _EOTDmpVspd_Kph_u9p7[0] | 8704 | | |
| _EOTDmpVspd_Kph_u9p7[1] | 25984 | | |
| t_EOTDmpVspd_Kph_u9p7[2] | 26112 | | |
| t_EOTDmpVspd_Kph_u9p7[3] | 26240 | | |
| EOTEnterGainVspd_Kph_u9p7[0] | 8704 | | |
| _EOTEnterGainVspd_Kph_u9p7[1] | 25984 | | |
| _EOTEnterGainVspd_Kph_u9p7[2] | 26112 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 26240 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[0] | 448 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 832 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 768 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1152 | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1024 | | |
| t_TrqTblY_Uls_u2p14[0] | 557 | | |
| t_TrqTblY_Uls_u2p14[1] | 639 | | |
| arget_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 | 0.409999996 | | |
| 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 | | |
| arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.133000001 | | |
| arget_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_Mtr | | | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f | | ·- | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igo | | | |
| arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT HwDeg f3 | | | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwFound_C | | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lc | | | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_U arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hv | | | |
| | | | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_ | | _ | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadps | | | |
| arget_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 | 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_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | 0.359313965 | 0.359313965 ± 0.0000390625 | |

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0 ± 0.00048828125



| Test Step Call Trace | | | | |
|--|-------|--|-------|--------|
| 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 |
| | |

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| Nama | Innut Value | | | |
|---|---|---------------------------|----------|--|
| 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 EOTPosDepDmpTblX HwDeg u12p4[0][0] | 848 | | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 1232 | | | |
| | 992 | | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | | | | |
| 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 | | | |
| | 259 | | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | | | | |
| 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 | | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 848 | | | |
| t_SpdlptTblYTbl_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 Igc.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 | | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 0.550000012 | | | |
| 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_ | 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_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_Cr | | | |
| 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_Hw | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | | |
| 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 | | | |
| | <u> </u> | | | |
| 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 | ✓ | |

735790652

735790652 ± 1

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| 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 | ✓ |

| Test Step Call Trace | | | | 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 | ~ |
| 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 2.41 (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_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 |
| 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 |

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| Name | Input Value |
|---|--|
| 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] t2_EOTEnterGainY_Uls_u1p15[3][0] | 1049 383 |
| t2_EOTEItierGain1_Uis_u1p15[3][0] t2_EOTEItierGain1_Uis_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] | 168 237 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 198 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 280 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 848 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1232 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 992 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1376 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 704 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1088 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 800 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 8832 |
| t_EOTDmpVspd_Kph_u9p7[0] 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] t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 848 784 |
| t SpdiptTblYTbl 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 1 |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_EOTDIsable_Cnt_gc.value | 0.845000029 |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 777.101013 |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 0.550000012 |
| 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 | target_EOTActuatorMng_Per1_AssistEOTDamping_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 Perl CowEOT HwDeg f3 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl CcwFound Cnt Igc | target EOTActuatorMng Per1 CcwFound Cnt lgc |
| target_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 |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Results and the property of th$ | |
| | target EOTActuatorMng Per1 HandWheelPos HwDeg f32 |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl | , , , , , , , , , , , , , , , , , , , |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$ | target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f. \\ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Per1_MtrRadpS_Per1_Mtr$ | target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractures and the property of the proper$ | target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 |

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

EOTActuatorMng_Per1

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8.80000019 ± 0.00048828125

| 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 | ~ |

8.80000019

| Test Step Call Trace | | | | 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 2.42 (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_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 |
| 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 |
| t2_EOTEnterGainY_Uls_u1p15[0][0] | 6 |
| t2_EOTEnterGainY_Uls_u1p15[0][1] | 7 |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 69 |

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| EOTActuatorMng_Per1 | TOACICAL |
|---|---|
| Name | Input Value |
| 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] | 88 |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 859 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 118 |
| 2_EOTEnterGainY_UIs_u1p15[2][3] | 1144 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] 2_EOTEnterGainY_Uls_u1p15[3][1] | 478 49 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 6 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 6 |
| 2_EOTEMOGRAM _ONS_UTPTS[0][0] 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 228 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 323 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 168 |
| 2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] | 237 |
| 2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] | 183 |
| 2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[2][1] | 259 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 213 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 302 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 864 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1248 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1008 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1392 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 720 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1104 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 816 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4192 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 22 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 153 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 10 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 452 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 198 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 280 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 289 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 409 |
| _EOTDmpVspd_Kph_u9p7[0] | 8960 |
| _EOTDmpVspd_Kph_u9p7[1] | 26752 |
| _EOTDmpVspd_Kph_u9p7[2] | 26880 |
| _EOTDmpVspd_Kph_u9p7[3] | 27008 |
| _EOTEnterGainVspd_Kph_u9p7[0] | 8960 |
| _EOTEnterGainVspd_Kph_u9p7[1] | 26752 |
| _EOTEnterGainVspd_Kph_u9p7[2] | 26880 |
| _EOTEnterGainVspd_Kph_u9p7[3] | 27008 |
| _SpdlptTblXTbl_HwDeg_u12p4[0] | 480 |
| _SpdlptTblXTbl_HwDeg_u12p4[1] | 864 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 800 |
| _SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 1184 |
| _TrqTableX_HwNm_u8p8[0] | 256 |
| _TrqTableX_HwNm_u8p8[1] | 512 |
| _TrqTbIY_UIs_u2p14[0] | 590 |
| _TrqTblY_Uls_u2p14[1] | 672 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -111.025002 |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 656.489014 |
| arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 0 |
| arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.620000005 |
| arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -777.450012 0.660000026 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -0.66000026 650 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 0.2599999 |
| arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 1.48699999 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value arget Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | |
| | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UIs | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr | · |
| arget Dte Inct An EOTActuatorMag EOTActuatorMag Dord ConcEOT 11:00 # | |
| | torget EOTActuatorMag Bord Confound Cat Ica |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3; | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc |



| 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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 | 0.209999993 |
| 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 |

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| EOTActuatorMng_Per1 | MACICAL TOTAL CONTRACTOR OF THE PROPERTY OF TH |
|---|--|
| Name | Input Value |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 2224 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1440 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 4304 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 4320 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 4336 |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 6 |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 7 |
| 2_EOTEnterGainY_Uls_u1p15[0][2] | 69 |
| 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] | 88 |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 859 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 118 |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 1144 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 478 |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 49 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 6 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 6 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 228 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 323 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 168 |
| 2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] 2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 237 |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 183 |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 259 |
| 2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 213 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 302 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 864 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1248 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1008 |
| | 1392 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 720 |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[2][0] | 1104 |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[2][1] | 816 |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[3][0] | 4192 |
| :2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] :2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] | 22 |
| _ | 153 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 10 452 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 198 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 280 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 289 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 409 |
| E_EOTDmpVspd_Kph_u9p7[0] | 8960 |
| _EOTDmpVspd_Kph_u9p7[1] | 26752 |
| _EOTDmpVspd_Kph_u9p7[2] | 26880 |
| _EOTDmpVspd_Kph_u9p7[3] | 27008 |
| _EOTEnterGainVspd_Kph_u9p7[0] | 8960 |
| _EOTEnterGainVspd_Kph_u9p7[1] | 26752 |
| _EOTEnterGainVspd_Kph_u9p7[2] | 26880 |
| _EOTEnterGainVspd_Kph_u9p7[3] | 27008 |
| _SpdlptTblXTbl_HwDeg_u12p4[0] | 480 |
| _SpdlptTblXTbl_HwDeg_u12p4[1] | 864 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 800 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1184 |
| _TrqTableX_HwNm_u8p8[0] | 256 |
| _TrqTableX_HwNm_u8p8[1] | 512 |
| _TrqTblY_Uls_u2p14[0] | 590 |
| _TrqTblY_Uls_u2p14[1] | 672 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -111.025002 |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 656.489014 |
| arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 0 |
| arget EOTActuatorMng Per1 EOTDisable Cnt Igc.value | 0 |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.620000005 |
| arget EOTActuatorMng Per1 HandWheelPos HwDeg f32.value | -777.450012 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -0.66000026 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 650 |
| arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.25999999 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 1.48699999 |
| | |



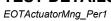


| Name | Input Value | | |
|---|---|----------------------------|--------|
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ | target_EOTActuatorMng_Per1_AssistEOTGa | in_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1$ | target_EOTActuatorMng_Per1_AssistEOTLin | 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 | :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 Igc | 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 | target_EOTActuatorMng_Per1_MotorVel_Mtr | RadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outpu$ | torMng_Per1_OutputRampMultLtd_ target_EOTActuatorMng_Per1_OutputRampMultLtd_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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 |

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| Name | Input Value |
|--|----------------|
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4096 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 3120 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9344 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | 9360 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9376 752 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 2240 |
| t2_EOTEnterGainX_nwbeg_u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 2256 |
| t2 EOTEnterGainX HwDeg u12p4[2][3] | 2272 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 144 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][1] | 960 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][2] | 1440 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 2848 |
| 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] | 8 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 98 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 954 |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 8 |
| t2_EOTEnterGainY_Uls_u1p15[2][1] | 9 |
| t2_EOTEnterGainY_Uls_u1p15[2][2] | 127 1239 |
| t2_EOTEnterGainY_Uls_u1p15[2][3] t2_EOTEnterGainY_Uls_u1p15[3][0] | 573 |
| t2_EOTEnterGainY_Uis_u1p15[3][1] | 59 |
| t2_EOTEnterGainY_Uls_u1p15[3][2] | 6 |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 7 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 243 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 345 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 183 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 259 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 198 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 280 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 228 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 323 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 880 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1264 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1024 |
| t2_EOTPosDepDmpTblX_HwDog_u12p4[1][1] | 1408 736 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 1120 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 1920 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] | 2240 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 237 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 367 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 68 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 52 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 213 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 302 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 304 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 431 |
| t_EOTDmpVspd_Kph_u9p7[0] | 9088 |
| t_EOTDmpVspd_Kph_u9p7[1] | 27136 |
| t_EOTDmpVspd_Kph_u9p7[2] | 27264 |
| t_EOTDmpVspd_Kph_u9p7[3] | 27392 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 9088 |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 27136 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 27264 27392 |
| t_EOTEnterGainVspd_Kph_u9p7[3] t_SpdlptTblXTbl_HwDeg_u12p4[0] | 496 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 880 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 992 |
| t_SpdiptTblYTbl_MtrRadpS_u12p4[1] | 1376 |
| t_TrqTableX_HwNm_u8p8[0] | 0 |
| t_TrqTableX_HwNm_u8p8[1] | 512 |
| t_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 | 0 |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 550.286987 |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |





| 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_AssistEOTDampings and the property of $ | ng_ target_EOTActuatorMng_Per1_AssistEOTD | amping_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_L | lls_ target_EOTActuatorMng_Per1_AssistEOTG | Sain_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Material (Control of the Control of the $ | ftri target_EOTActuatorMng_Per1_AssistEOTL | imit_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg | _f3 target_EOTActuatorMng_Per1_CcwEOT_H | wDeg_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_le | gc target_EOTActuatorMng_Per1_CcwFound_ | 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_lg | target_EOTActuatorMng_Per1_CwFound_C | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_ | lgc target_EOTActuatorMng_Per1_EOTDisable | target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth | target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_NegTarget_Results and the property of the$ | lwl target_EOTActuatorMng_Per1_HandWheel | Pos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNrderserververserverserververserververserververververververververververververve$ | n_f: target_EOTActuatorMng_Per1_HwTorque_l | HwNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRad | pS target_EOTActuatorMng_Per1_MotorVel_M | trRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultIndex and the property of the property o$ | .td_ target_EOTActuatorMng_Per1_OutputRam | oMultLtd_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kp | h_ target_EOTActuatorMng_Per1_VehicleSpee | ed_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 | ✓ | |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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_UIs_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 |

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| Name | Input Value | |
|---|-------------|--|
| c_PosRampStep_HwDeg_u12p4 | 5984 | |
| k_SoftStopEOTEnable_Cnt_lgc | 1 | |
| x_SpdIptScale_MtrNmpRadpS_u4p12 | 93 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][0] | 1376 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4112 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 4128 | |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4144 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 3136 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9392 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 9408 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9424 | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][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 | |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 7 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 395 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 560 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 198 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 280 | |
| t2_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_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1136 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 5120 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4960 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 26 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 518 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 7 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 99 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 228 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 323 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 319 | |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 452 | |
| _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[1] | 27520 | |
| _EOTEnterGainVspd_Kph_u9p7[2] | 27648 | |
| _EOTEnterGainVspd_Kph_u9p7[3] | 27776 | |
| SpdIptTbIXTbI_HwDeg_u12p4[0] | 512 | |
| spdiptTblXTbl_HwDeg_u12p4[1] | 896 | |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 1008 | |
| _SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1392 | |
| rpapersonmanapevert | 2048 | |
| | 2304 | |

EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31

target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24

 ${\sf EOTActuatorMng_OutputRampMultLtd_M_f32}$

EOTActuatorMng_PrevEOTGain_Uls_M_f32

EOTActuatorMng_SESState_Uls_M_enum

EOTActuatorMng_Per1

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| | | • | |
|---|---|---------------------------|--------|
| Name | Input Value | | |
| t_TrqTbIY_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 | imping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_AssistEOTActuatorMng_Ap_EOTActuatorMng_ApACTuatorMng$ | 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_$ | target_EOTActuatorMng_Per1_HwTorque_H | wNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | RadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Ou$ | target_EOTActuatorMng_Per1_OutputRamp | 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 | 7.04342031 | 7.04341984 ± 0.0000390625 | ~ |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 575.609985 | 575.609985 ± 0.0000390625 | ~ |

2129694425

-42825561

0.128000006

0.991699219

7.04342031

0.991699219

8.80000019

SES_ENTERING

2129694425 ± 1

-42825561 ± 1 0.128000006 ± 0.00390625

SES_ENTERING

0.991699219 ± 0.0625

7.04341984 ± 0.00048828125

0.991699219 ± 0.0000390625

8.80000019 ± 0.00048828125

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | |

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EOTActuatorMng_Per1 Input Value k EOTExitLPFKn_Cnt_u16 5765 5504 k_EOTImpSpdEn_Kph_u9p7 k EOTOriginalImpactandSoftEnd Cnt lgc k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 182.339996 k EOTStateHwTrgLPFKn Cnt u16 2648 k_MaxRackTrvl_HwDeg_u12p4 2560 k_MinRackTrvl_HwDeg_u12p4 13680 k_PosRampStep_HwDeg_u12p4 11904 k_SoftStopEOTEnable_Cnt_lgc 93 $k_SpdIptScale_MtrNmpRadpS_u4p12$ t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1392 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 4160 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 4176 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 4192 t2_EOTEnterGainX_HwDeg_u12p4[1][0] 3152 9440 t2_EOTEnterGainX_HwDeg_u12p4[1][1] t2_EOTEnterGainX_HwDeg_u12p4[1][2] 9456 t2_EOTEnterGainX_HwDeg_u12p4[1][3] 9472 t2_EOTEnterGainX_HwDeg_u12p4[2][0] 2128 t2_EOTEnterGainX_HwDeg_u12p4[2][1] 6368 t2_EOTEnterGainX_HwDeg_u12p4[2][2] 6384 t2_EOTEnterGainX_HwDeg_u12p4[2][3] 6400 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 688 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 2048 t2 EOTEnterGainX_HwDeg_u12p4[3][2] 2064 t2_EOTEnterGainX_HwDeg_u12p4[3][3] 2080 t2_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 t2 EOTEnterGainY Uls u1p15[1][2] 118 t2_EOTEnterGainY_Uls_u1p15[1][3] 1144 t2_EOTEnterGainY_Uls_u1p15[2][0] t2_EOTEnterGainY_Uls_u1p15[2][1] 10 t2_EOTEnterGainY_Uls_u1p15[2][2] 147 1429 t2_EOTEnterGainY_Uls_u1p15[2][3] 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 t2 EOTExPosDepDmpTblY MtrNmpRadps u0p16[2][0] 228 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 323 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 395 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 560 t2 EOTPosDepDmpTblX HwDeg u12p4[0][0] 912 t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 1296 t2 EOTPosDepDmpTblX HwDeg u12p4[1][0] 1056 t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 1440 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 768 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 1152 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 2656 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3680 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 280 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 669 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 36 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] $t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0]$ 243 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 345 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 334 474 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 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

27904

28032

t_EOTEnterGainVspd_Kph_u9p7[1]

t_EOTEnterGainVspd_Kph_u9p7[2]

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EOTActuatorMng_Per1

| EOTACIDATORINING_FETT | | | ACTUAL |
|---|--|--|--------|
| Name | Input Value | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 28160 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 528 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 912 | | |
| t_SpdIptTbIYTbI_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_AssistEOT | TDamping_ target_EOTActuatorMng_Per1_A | ng target EOTActuatorMng Per1 AssistEOTDamping MtrNm f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTActuatorMng_AssistEOTActuatorMng_AssisTOTActuatorMng_AssisTOTActuatorMng_AssisTOTA$ | TGain_Uls_ target_EOTActuatorMng_Per1_A | AssistEOTGain_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | TLimit_Mtrl target_EOTActuatorMng_Per1_A | AssistEOTLimit_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_ | _HwDeg_f3 target_EOTActuatorMng_Per1_0 | CcwEOT_HwDeg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound | d_Cnt_lgc target_EOTActuatorMng_Per1_0 | CcwFound_Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_F | HwDeg_f32 target_EOTActuatorMng_Per1_0 | CwEOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound$ | _Cnt_lgc target_EOTActuatorMng_Per1_0 | CwFound_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTD is absented a constant of the con$ | ole_Cnt_lgc target_EOTActuatorMng_Per1_E | EOTDisable_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhe$ | eelAuth_Uls target_EOTActuatorMng_Per1_F | HandWheelAuth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhe$ | eelPos_Hwl target_EOTActuatorMng_Per1_F | HandWheelPos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque$ | e_HwNm_f: target_EOTActuatorMng_Per1_F | HwTorque_HwNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_ | _MtrRadpS_ target_EOTActuatorMng_Per1_M | MotorVel_MtrRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRainstander (App_EOTActuatorMng_Per1_OutputRainstander (App_EOTActuatorMng_Per1_OutputRainst$ | mpMultLtd_target_EOTActuatorMng_Per1_0 | OutputRampMultLtd_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSp | peed Kph target_EOTActuatorMng_Per1_\ | /ehicleSpeed_Kph_f32 | |
| Name | Actual Value | Expected Value | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 7.23532009 | 7.23532009 ± 0.0000390625 | • |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 131.339996 | 131.339996 ± 0.0000390625 | • |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 205085306 | 205085306 ± 1 | • |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 64775976 | 64775976 ± 1 | • |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.795000017 | 0.795000017 ± 0.00390625 | • |
| EOTActuatorMng PrevEOTGain Uls M f32 | 0.095489502 | 0.095489502 ± 0.0625 | • |

| Test Step Call Trace | | | | ~ |
|--|-------|--|-------|----------|
| 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 | ✓ |

SES_DISABLED

7.23532009

0.095489502

8.80000019

SES_DISABLED

7.23532009 ± 0.00048828125

0.095489502 ± 0.0000390625

8.80000019 ± 0.00048828125

| 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 |

Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached

EOTActuatorMng_SESState_Uls_M_enum

target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

Rte_Call_EOTActuatorMng_Per1_CP1_CheckpointReached

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

EOTActuatorMng_Per1

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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 EOTDvnConf 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 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 259 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 366 t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 349 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 495 t_EOTDmpVspd_Kph_u9p7[0] 9472

EOTActuatorMng_Per1

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7.42721987 ± 0.00048828125

0.614135742 ± 0.0000390625 0 ± 0.00048828125

| LOTACIDATONNING_T ELL | | | TOIL CTUOTO |
|--|---|---------------------------|-------------|
| 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_SpdlptTblXTbl_HwDeg_u12p4[1] | 928 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 1040 | | |
| t_SpdlptTblYTbl_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_lgc.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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | target_EOTActuatorMng_Per1_AssistEOTDa | amping_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls | target_EOTActuatorMng_Per1_AssistEOTGa | ain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrackets and the property of the prope$ | 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_f3 | 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 Ig | target_EOTActuatorMng_Per1_EOTDisable_ | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulerstand $ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw | l target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_tracking = 0.0000000000000000000000000000000000$ | target_EOTActuatorMng_Per1_HwTorque_H | lwNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd.$ | 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 | 7.42722034 | 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$





| 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_EOTPosDepDmpTblX_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 |

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EOTActuatorMng_Per1

| EOTActuatorwing_PerT | | | MACICAL | |
|---|--|----------------------------|---------|--|
| 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 EOTPosDepDmpTbIY 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 | | | |
| c_s.propstpn_aspr[6] 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 | | | |
| | 28800 | | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] t_EOTEnterGainVspd_Kph_u9p7[3] | 28928 | | | |
| | | | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 944 | | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1056 | | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | | | | |
| 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_ | | | | |
| 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 | | | | |
| 0 = = = 1 = 0 0 0 = = = = 0 | 0 = 0= = | _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_Cnt_lgc | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igc | | | | |
| 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_ | target_EOTActuatorMng_Per1_VehicleSpee | d_Kph_f32 | | |
| 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 | 5 | |
| target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | 0.46762085 | 0.46762085 ± 0.0000390625 | | |
| target EOTAstuatorMag Port AssistEOTI imit MtrNm f22 value | 0 | 0 + 0 00049939135 | | |

0

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

0 ± 0.00048828125



| Test Step Call Trace | | | | 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 | ~ |

| Name | Imput Value |
|---|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 874.320007 |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 858993459 |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 64592282 |
| EOTActuatorMng_PrevEOTGain_Uls_M_f32 | 0.5 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| C_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.372000009 |
| x_EOTDefltPosition_HwDeg_u12p4 | 11232 |
| EOTDeltaTrqThrsh_HwNm_u9p7 | 1024 |
| c_EOTDynConf_Uls_u8p8 | 58880 |
| EOTEnterLPFKn_Cnt_u16 | 3458 |
| EOTExitLPFKn_Cnt_u16 | 7856 |
| _EOTImpSpdEn_Kph_u9p7 | 5888 |
| _EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| E_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 194.490005 |
| _EOTStateHwTrqLPFKn_Cnt_u16 | 2546 |
| :_MaxRackTrvl_HwDeg_u12p4 | 2608 |
| :_MinRackTrvl_HwDeg_u12p4 | 15984 |
| :_PosRampStep_HwDeg_u12p4 | 11952 |
| _SoftStopEOTEnable_Cnt_lgc | 0 |
| _SpdIptScale_MtrNmpRadpS_u4p12 | 93 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][0] | 1440 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4304 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 4320 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4336 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 3200 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9584 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 9600 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9616 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][0] | 2176 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 6512 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | 6528 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 6544 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 736 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 2192 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 2208 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 2224 |
| 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] | 0 |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 4 |
| 2_EOTEnterGainY_Uls_u1p15[1][2] | 5 |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 300 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 10 |
| 2 EOTEnterGainY Uls u1p15[2][1] | 10 |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 176 |

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EOTActuatorMng_Per1

| 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] | 243 345 | | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 274 | | | |
| t2_EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 388 | | | |
| t2_EOTEXPOSDEPDINFTSHT_MitrNinpredips_uop10[2][1] | 440 | | | |
| t2_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3][0] | 624 | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 320 | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 0 | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1088 | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1472 | | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 1088 | | | |
| t2 EOTPosDepDmpTblX HwDeg u12p4[2][1] | 1472 | | | |
| t2_EOTPosDepDmpTbIX_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_SpdIptTblXTbl_HwDeg_u12p4[0] | 576 | | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 960 | | | |
| t_SpdIptTbIyTbI_MtrRadpS_u12p4[0] | 1072 | | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1456 | | | |
| t_TrqTableX_HwNm_u8p8[0] | 1024 | | | |
| t_TrqTableX_HwNm_u8p8[1] | 1280 | | | |
| t_TrqTblY_Uls_u2p14[0] | 688 | | | |
| t_TrqTblY_Uls_u2p14[1] | 770 | | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -896.528015 | | | |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 675.054016 | | | |
| 0 _ 0 0_ | 0 | | | |
| target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 | | | |
| target_EOTActuatorMng_Per1_EOTDIsable_Cnt_gc.value 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 | | mping MtrNm f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls | 3 - 3 - | | | |
| 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_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CwFound_Cnt_lgc | target_EOTActuatorMng_Per1_CwFound_Cn | | | |
| 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_EOTActuatorMng_Per1_HandWheelPe | os_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_HwTorque_HwTorque_HwNm_fractuatorMng_Per1_HwTorque_H$ | | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | , · - · · · · - · - | | | |
| $target \ Rte \ Inst \ Ap \ EOTActuatorMng.EOTActuatorMng \ Per1 \ OutputRampMultLtd$ | | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_endersetation and the properties of the propert$ | target_EOTActuatorMng_Per1_VehicleSpeed | _Kph_f32 | | |
| Name | Actual Value | Expected Value | Result | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0.388980031 | 0.388980001 ± 0.0000390625 | ~ | |
| EOTActuatorMng EOTImpactPos HwDeg M f32 | 702 | 702 ± 0.0000390625 | ✓ | |

702

702 ± 0.0000390625

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| 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 | ✓ |

| Test Step Call Trace | | | | 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 2.50 (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 |
| | |

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| EOTACIDATIONING_Peri | (alc (alc) |
|---|--|
| Name | Input Value |
| 2_EOTEnterGainY_Uls_u1p15[0][3] | 859 |
| 2_EOTEnterGainY_Uls_u1p15[1][0] | 4 |
| 2_EOTEnterGainY_Uls_u1p15[1][1] | 5 |
| 2_EOTEnterGainY_Uls_u1p15[1][2] | 98 |
| 2_EOTEnterGainY_Uls_u1p15[1][3] | 980 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 10 |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 11 |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 186 |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 1809 |
| 12_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_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] | 395 |
| t2_EOTEXPOSDEpDmpTblY_MtrNmpRadps_u0p16[1][1] | 560 |
| | 289 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 409 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 334 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 474 |
| l2_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_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 256 |
| t2_EOTPosDepDmpTbIX_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] | 304 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 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] | 592 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 976 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 1088 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1472 |
| 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 |
| arget_EOTActuatorMng_Per1_Motorver_Mitrkaups_rsz.value | 0.773000002 |
| | 12.9463997 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ | , |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UIs_ | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | |
| V = | target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |
| | torret FOTA structurations Dord Confound Cat Inc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwFound_Cnt_lgc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igc | |



| 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMu$ | 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 | 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 | ✓ |

| 「Fest Step Call Trace | | | | 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 2.51 (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 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING |
| Rte_Inst_Ap_EOTActuatorMng | target_Rte_Inst_Ap_EOTActuatorMng |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.99000001 |
| 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 | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 202.589996 |
| 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] | 1472 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 4400 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 4416 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 4432 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][0] | 3232 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 9680 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | 9696 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 9712 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 2208 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 6608 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 6624 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 6640 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 768 |

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| EOTEnterGainX_HwDeg_u12p4[3][1] EOTEnterGainX_HwDeg_u12p4[3][2] EOTEnterGainX_HwDeg_u12p4[3][3] EOTEnterGainY_Uls_u1p15[0][0] EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENEROSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 2288 2304 2320 7 8 98 98 954 5 5 196 1930 7 7 7 7 7 198 280 410 581 380 538 153 216 320 |
|---|--|
| EOTEnterGainY_Uls_u1p15[0][0] EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][6] EOTEnterGainY_Uls_u1p15[3][7] EOTEnterGainY_Uls_u1p15[3][7] EOTEnterGainY_Uls_u1p15[3][8] EOTEnterGainY_Uls_u1p15[3][9] EOTEnterGainY_Uls_u1p15[3][9] EOTEnterGainY_Uls_u1p15[3][9] EOTEnterGainY_Uls_u1p15[3][9] EOTENterGainY_Uls_u1p15[3][9] EOTENterGainY_Uls_u1p15[3][9] EOTENterGainY_Uls_u1p15[3][9] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 2320 7 8 98 98 954 5 5 196 1930 7 7 7 78 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[0][0] EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENEROSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 7 8 98 98 954 5 5 196 1930 7 7 7 8 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[0][1] EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENEROSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 8 98 954 5 5 196 1930 7 7 7 8 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[0][2] EOTEnterGainY_Uls_u1p15[0][3] EOTEnterGainY_Uls_u1p15[1][0] EOTEnterGainY_Uls_u1p15[1][1] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][2] EOTEnterGainY_Uls_u1p15[1][3] EOTEnterGainY_Uls_u1p15[2][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 98 954 5 5 196 198 1930 7 7 7 78 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| 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][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 954 5 5 196 1930 7 7 7 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| 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][0] EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 5 5 196 1930 7 7 7 78 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| 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][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTENERGainY_Uls_u1p15[3][3] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 5 196 1930 7 7 7 78 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| 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] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTENterGainY_Uls_u1p15[3][3] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 196 1930 7 7 7 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| 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] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 1930 7 7 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_UIs_u1p15[2][0] EOTEnterGainY_UIs_u1p15[2][1] EOTEnterGainY_UIs_u1p15[2][2] EOTEnterGainY_UIs_u1p15[2][3] EOTEnterGainY_UIs_u1p15[3][0] EOTEnterGainY_UIs_u1p15[3][1] EOTEnterGainY_UIs_u1p15[3][2] EOTEnterGainY_UIs_u1p15[3][2] EOTEnterGainY_UIs_u1p15[3][3] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTEXPOsDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 7 7 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[2][1] EOTEnterGainY_Uls_u1p15[2][2] EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 7 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_UIs_u1p15[2][2] EOTEnterGainY_UIs_u1p15[2][3] EOTEnterGainY_UIs_u1p15[3][0] EOTEnterGainY_UIs_u1p15[3][1] EOTEnterGainY_UIs_u1p15[3][2] EOTEnterGainY_UIs_u1p15[3][3] EOTEnterGainY_UIs_u1p15[3][3] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[2][0] | 78 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[2][3] EOTEnterGainY_Uls_u1p15[3][0] EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTEnterGainY_Uls_u1p15[3][3] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 763 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_UIs_u1p15[3][0] EOTEnterGainY_UIs_u1p15[3][1] EOTEnterGainY_UIs_u1p15[3][2] EOTEnterGainY_UIs_u1p15[3][3] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 573 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_Uls_u1p15[3][1] EOTEnterGainY_Uls_u1p15[3][2] EOTEnterGainY_Uls_u1p15[3][3] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 59 6 7 198 280 410 581 380 538 153 216 |
| EOTEnterGainY_UIs_u1p15[3][2] EOTEnterGainY_UIs_u1p15[3][3] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[0][0] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[0][1] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[1][0] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[1][1] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[2][0] EOTEXPOSDEPDMPTBIY_MtrNmpRadps_u0p16[2][1] | 6 7 198 280 410 581 380 538 153 |
| EOTEnterGainY_UIs_u1p15[3][3] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 7 198 280 410 581 380 538 153 216 |
| EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 198 280 410 581 380 538 153 216 |
| EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 280 410 581 380 538 153 216 |
| EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 280 410 581 380 538 153 216 |
| EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 410 581 380 538 153 216 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 581 380 538 153 216 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 380 538 153 216 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 538 153 216 |
| | 153 216 |
| | 216 |
| EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | |
| | 320 |
| EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 0 |
| EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 0 |
| EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1120 |
| EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 1504 |
| EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 1120 |
| EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1504 |
| EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 288 |
| EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 3440 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 108 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 769 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 334 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 474 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 68 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 52 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 10 |
| EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 452 |
| OTDmpVspd_Kph_u9p7[0] | 9984 |
| OTDmpVspd_Kph_u9p7[1] | 29824 |
| OTDmpVspd Kph u9p7[2] | 29952 |
| OTDmpVspd_Kph_u9p7[3] | 30080 |
| OTEnterGainVspd_Kph_u9p7[0] | 9984 |
| OTEnterGainVspd_Kph_u9p7[1] | 29824 |
| OTEnterGainVspd_Kph_u9p7[2] | 29952 |
| OTEnterGainVspd_Kph_u9p7[2] OTEnterGainVspd_Kph_u9p7[3] | 30080 |
| pdlptTblXTbl_HwDeg_u12p4[0] | 608 |
| pdiptTblXTbl_HwDeg_u12p4[1] | 992 |
| pdiptTblXTbl_mwbeg_u12p4[1] pdlptTblYTbl_MtrRadpS_u12p4[0] | 1104 |
| | 1488 |
| pdlptTblYTbl_MtrRadpS_u12p4[1] | 1792 |
| rqTableX_HwNm_u8p8[0] | |
| rqTableX_HwNm_u8p8[1] | 2304 |
| rqTbIY_Uls_u2p14[0] | 721 |
| rqTblY_Uls_u2p14[1] | 803 |
| pet_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -777.544006 |
| pet_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 0 |
| pet_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 876.840027 |
| et_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1 |
| et_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| et_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 1 |
| et_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 444.047211 |
| et_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 9.5 |
| jet_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -250 |
| pet_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.684000015 |
| pet_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 13.0846004 |
| pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamp | |
| pet_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_ | |





| 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_Igc | target_EOTActuatorMng_Per1_CwFound_Cr | nt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Results and the property of th$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Output$ | 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_PrevEOTGain_Uls_M_f32 EOTActuatorMng_SESState_Uls_M_enum | 0.813049316 SES_DISABLED | 0.813049316 ± 0.0625 SES_DISABLED | ~ |
| | | | V |
| 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 | ~ |
| 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 |

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| Name | Input Value |
|--|--------------|
| t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 1424 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | 1440 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][3] t2_EOTEnterGainX_HwDeg_u12p4[2][0] | 1456 1120 |
| t2_EOTEnterGainX_nwbeg_u12p4[2][0] t2_EOTEnterGainX_HwDeg_u12p4[2][1] | 3344 |
| t2_EOTEnterGainX_1Wb0g_u12p4[2][1] 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] | 4 |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 5 |
| t2_EOTEnterGainY_Uls_u1p15[1][0] | 5 |
| t2_EOTEnterGainY_Uls_u1p15[1][1] | 6 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 29 288 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] 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] | 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] | 76 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 108 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 77 |
| t2_EOTExPosDepDmpTblY_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] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 32 44 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 448 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 1120 |
| 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] | 1 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 44 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 37 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 194 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 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 224 |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[0] | 400 544 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 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 |

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$



0.486328125 ± 0.00048828125

EOTActuatorMng_Per1

| 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_AssistEOTDam | ping_ target_EOTActuatorMng_Per1_Assis | stEOTDamping_MtrNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain | Uls target_EOTActuatorMng_Per1_Assis | stEOTGain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit$ | _Mtrl target_EOTActuatorMng_Per1_Assis | stEOTLimit_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDe | eg_f3 target_EOTActuatorMng_Per1_Ccwl | EOT_HwDeg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt | g_lgc target_EOTActuatorMng_Per1_Ccwl | Found_Cnt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDe | g_f32 target_EOTActuatorMng_Per1_CwE | OT_HwDeg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_ | gc target_EOTActuatorMng_Per1_CwFound_Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cotations and the property of the property $ | nt_lgc target_EOTActuatorMng_Per1_EOT | t_lgr target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuterschaften auch auch auch auch auch auch auch auch$ | n_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPosters and the property of t$ | Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque Hwl | Nm f target_EOTActuatorMng_Per1_HwTe | orque_HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRestation (Section 1) and the property of $ | adpS target_EOTActuatorMng_Per1_Moto | rVel_MtrRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMulter (Approximately approximately approximatel$ | ultLtd_ target_EOTActuatorMng_Per1_Outp | utRampMultLtd_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_ | Kph_ target_EOTActuatorMng_Per1_Vehic | cleSpeed_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 | - |
| | 1 | 1 | |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|----------|--|
| 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

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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 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 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



| Name | Input Value | | |
|--|--|---------------------------|----------|
| 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 | 0.85699993 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 8.02000046 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuator$ | target_EOTActuatorMng_Per1_AssistEOTDa | amping_MtrNm_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls | Uls target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtrackets and the property of the prope$ | it_Mtr1 target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Per1_CcwEOT_HwDeg_fractuatorMng_Fract$ | target_EOTActuatorMng_Per1_CcwEOT_Hv | vDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgcrosservers and the property of the pro$ | target_EOTActuatorMng_Per1_CcwFound_0 | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f3. \\$ | target_EOTActuatorMng_Per1_CwEOT_Hwl | Deg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$ | target_EOTActuatorMng_Per1_CwFound_C | nt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lg$ | target_EOTActuatorMng_Per1_EOTDisable_ | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulanderschaften auch auch auch auch auch auch auch auch$ | target_EOTActuatorMng_Per1_HandWheelA | auth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelPos_Hwarderspace and the property of the prop$ | target_EOTActuatorMng_Per1_HandWheelF | Pos_HwDeg_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HwTorque HwNm | lwNm_f_target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpStarter(Mathematical Control of the Control of Co$ | RadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd.$ | MultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Results (App_EOTActuatorMng_Per1_VehicleSpeed_Kph_Results (App_EOTActuatorMng_Per1_VehicleSpeed_Kph_P$ | I_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 18.1000004 | 18.1000004 ± 0.0000390625 | ~ |
| FOTActuatorMng FOTImpactPos HwDeg M f32 | 300 040009 | 300 040000 + 0 0000390625 | 4 |

| target_Rte_inst_Ap_EOTActuatorMing.EOTActuatorMing_PerT_verifcleSpeed_Rpin_ | target_EOTActuatorwing_Peri_venicleSpeed | 1_Kbii_195 | |
|---|--|----------------------------|--------|
| 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 | • |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|----------|--|
| 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 | |

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| Name | Input Value |
|---|--------------|
| k_EOTExitLPFKn_Cnt_u16 | 333 |
| k_EOTImpSpdEn_Kph_u9p7 | 5632 1 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 190.440002 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 9999 |
| k MaxRackTrvl HwDeg u12p4 | 5328 |
| k_MinRackTrvl_HwDeg_u12p4 | 20400 |
| k_PosRampStep_HwDeg_u12p4 | 5696 |
| k_SoftStopEOTEnable_Cnt_lgc | 0 |
| k_SpdIptScale_MtrNmpRadpS_u4p12 | 81 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 800 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 960 1120 |
| t2_EOTEItletGalitX_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 3472 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] t2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1792 |
| t2_EOTEItletGalitX_HwDeg_u12p4[3][0] t2_EOTEItletGalitX_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] 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 7 |
| t2_EOTEnterGainY_Uls_u1p15[3][2] 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 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 87 542 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 512 1152 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 672 |
| t2_EOTPosDepDmpTbIX_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 88 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 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 |
| + FOTD\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/ | 12160 |
| t_EOTDmpVspd_Kph_u9p7[1] | |
| t_EOTDmpVspd_Kph_u9p7[2] | 12288 |
| t_EOTDmpVspd_Kph_u9p7[2] t_EOTDmpVspd_Kph_u9p7[3] | 12416 |
| t_EOTDmpVspd_Kph_u9p7[2] | |

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| Name | Input Value | | |
|---|--|-------------------------------|--------|
| 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_TrqTbIY_UIs_u2p14[0] | 49 | | |
| t TrqTbIY Uls u2p14[1] | 492 | | |
| target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | -775.780029 | | |
| target EOTActuatorMng Per1 CcwFound Cnt Igc.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 | 0.30000012 | | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.0829999968 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 11.0299997 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampingLift (State of the Control of the Contr$ | g_ target_EOTActuatorMng_Per1_AssistEOTD | amping_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_L | ls_ target_EOTActuatorMng_Per1_AssistEOTG | ain_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Material (Control of Control of Control$ | ltri target_EOTActuatorMng_Per1_AssistEOTLi | mit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg$ | f3 target_EOTActuatorMng_Per1_CcwEOT_Hv | vDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_learners and the property of the property$ | c target_EOTActuatorMng_Per1_CcwFound_0 | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rte_Inst_Ap_EOTActuatorMng_Rer1_CwEOT_HwDeg_Rer1_CwEOT_HwDeg_Rer1_CwEOT_HwDeg_Rer1_CwEOT_HwDeg_Rer1_CwEOT_Re$ | f32 target_EOTActuatorMng_Per1_CwEOT_Hw | Deg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgrams and the property of the property of$ | target_EOTActuatorMng_Per1_CwFound_C | nt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Inst_Ap_EOTActuatorMng_EOT$ | lgc target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_InstAp_EOTActuatorMng_Per1_HandWheelAuth$ | Auth_Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_H$ | Pos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNng_Per1_HwNng_Per$ | HwNm_f. target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadelines and the property of the property$ | RadpS target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLampMult$ | MultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kp | d Kph target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0.000201416027 | 0.000201415998 ± 0.0000390625 | ~ |
| | | | |

| 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 | ~ |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|--------|--|
| 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 | |

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| Name | Input Value |
|--|-----------------------------------|
| 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 | 0.0430000015 |
| 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_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 290.440002 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 8888 |
| k_MaxRackTrvl_HwDeg_u12p4 | 7104 |
| k_MinRackTrvl_HwDeg_u12p4 | 15616 |
| k_PosRampStep_HwDeg_u12p4 k_SoftStopEOTEnable_Cnt_lgc | 10816 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 81 |
| 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 |
| 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] t2_EOTEnterGainY_Uls_u1p15[1][3] | 59 573 |
| 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_UIs_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_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 173 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] | 122 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] | 173 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 77 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 108 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 544 |
| t2_EOTPosDepDmpTbIX_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_HwDog_u12p4[2][1] | 4064 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 448 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 592 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 1 109 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 259 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 183 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 102 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 452 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 4 |
| | |

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EOTActuatorMng_Per1

| EOTActuatorMng_Per1 | | (V | 2016ab |
|--|--|-----------------------------|--------|
| 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_SpdlptTblXTbl_HwDeg_u12p4[1] | 272 | | |
| t_SpdlptTblYTbl_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 | 0.44999988 | | |
| 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 | 0.75 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 15.04 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | TDamping_ target_EOTActuatorMng_Per1_Assi | stEOTDamping_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOT | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_ | HwDeg_f3 target_EOTActuatorMng_Per1_Ccw | EOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFounders and the state of the state o$ | d_Cnt_lgc target_EOTActuatorMng_Per1_Ccw | Found_Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwEOT H | HwDeg f32 target_EOTActuatorMng_Per1_CwE | EOT_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_Per1_CwFound_Inst_Ap_EOTActuatorMng_$ | _Cnt_lgc | ound_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable and the property of the pro$ | ole_Cnt_lgc target_EOTActuatorMng_Per1_EOT | Disable_Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhen the start of the s$ | elAuth_Uls target_EOTActuatorMng_Per1_Han | dWheelAuth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWhen the start of the s$ | elPos_Hwl target_EOTActuatorMng_Per1_Han | dWheelPos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque$ | e_HwNm_f: target_EOTActuatorMng_Per1_HwT | orque_HwNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_Inst_Results = 0.0000000000000000000000000000000000$ | MtrRadpS target_EOTActuatorMng_Per1_Moto | orVel_MtrRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRarrescript{Rarrescript{Apsilon}}{}$ | mpMultLtd_target_EOTActuatorMng_Per1_Outp | outRampMultLtd_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSp | eed Kph target_EOTActuatorMng_Per1_Veh | icleSpeed_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 | |
| target_EOTActuaterMag_Rest_AssistEOTCain_Lile_f22.value | 0.169030795 | 0.469020785 + 0.0000200625 | |

| Test Step Call Trace | | | | 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 | ~ |

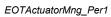
0.168029785

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 |

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| 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_SpdIptTblXTbl_HwDeg_u12p4[1] | 288 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[0] | 464 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[1] | 608 | | |
| t_TrqTableX_HwNm_u8p8[0] | 768 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1280 | | |
| t_TrqTbIY_UIs_u2p14[0] | 82 | | |
| t TrqTblY Uls 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 | 0.829999983 | | |
| 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_AssistEOTDar | | EOTDamping MtrNm f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGai | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLim | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwI | _ , | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cr | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDe | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable C | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAu | , - ,- ,- ,- ,- ,- ,- ,- ,- ,- ,- ,- ,- | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPo | 32 2 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_Hw | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrF | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 OutputRampM | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed | | | |
| 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 | |
| | | | |





| Test Step Call Trace | | | | 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 2.57 (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] | · · · · · · · · · · · · · · · · · · · |

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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_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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 608 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1200 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] | 720 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 1104 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 800 | | |
| t2_EOTPosDepDmpTbIX_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 | | |
| t2_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_SpdIptTbIXTbi_HwDeg_u12p4[0] | 144 | | |
| t_SpdIptTblXTbl_HwDeg_u12p4[1] | 304 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 480 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 624 | | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1024 | | |
| t_TrqTblY_Uls_u2p14[0] | 16 | | |
| t_TrqTbIY_UIs_u2p14[1] | 98 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -555.349976 | | |
| target EOTActuatorMng Per1 CcwFound Cnt Iqc.value | 0 | | |
| target EOTActuatorMng Per1 CwEOT HwDeg f32.value | 0 | | |
| target EOTActuatorMng Per1 CwFound Cnt Igc.value | 1 | | |
| target EOTActuatorMng Per1 EOTDisable Cnt Igc.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 | 0.27000011 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 17.0599995 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTDamping | | imping MtrNm f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl AssistEOTGain Uls | · · · · · · · · · · · · · · · · · · · | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl AssistEOTLimit Mtr | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Perl CcwEOT HwDeg f3 | , | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | 3 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Perl_CwFound_Cnt_Igc | target_EOTActuatorMng_Per1_CwEor_nwE | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgr | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Perl_HandWheelAuth_Uli | | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hw | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_Harroque_HwNm_f | _ | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS | | _ | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVer_MtrRaupS | · · · · · · · · · · · · · · · · · · · | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph | target_EOTActuatorMng_Per1_OutputRampi | | |
| | | | Docult |
| Name FOTAstusterMag Damping Mthlm M #22 | Actual Value | 0.000099770043 + 0.0000300635 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -0.000988769578 | -0.000988770043 ± 0.0000390625 | |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 234.052002 | 234.052002 ± 0.0000390625 | |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 1768837428 | 1768837428 ± 1 | ✓ |

1768837428

1768837428 ± 1

target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

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0.823669434 ± 0.0000390625

8.80000019 ± 0.00048828125

| EOTActuatorMng_Per1 | , | Razor | Cat_ |
|---|-----------------|---------------------------------|----------|
| 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 | ~ |

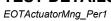
0.823669434

8.80000019

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | -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 |
| EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.200000003 |
| EOTDefltPosition HwDeg u12p4 | 12800 |
| EOTDeltaTrqThrsh HwNm u9p7 | 384 |
| EOTDynConf Uls u8p8 | 0 |
| EOTEnterLPFKn Cnt u16 | 486 |
| EOTEXILPFKn Cnt u16 | 777 |
| EOTImpSpdEn Kph u9p7 | 6144 |
| EOTOriginalImpactandSoftEnd Cnt lgc | 1 |
| E_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 590.440002 |
| EEOTStateHwTrqLPFKn_Cnt_u16 | 5555 |
| :LOTOtate:rwTrqLFTKI_Git_uT0 :_MaxRackTrvI_HwDeg_u12p4 | 12432 |
| MinRackTrvI HwDeg u12p4 | 18672 |
| C PosRampStep HwDeg u12p4 | 5536 |
| SoftStopEOTEnable Cnt lgc | 1 |
| SpollptScale MtrNmpRadpS u4p12 | 82 |
| Spuipiscale_MithinpRaupS_u4p12 2_EOTEnterGainX_HwDeg_u12p4[0][0] | 800 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][0] 2_EOTEnterGainX_HwDeg_u12p4[0][1] | 960 |
| 2_EOTEnterGainX_fiwDeg_u12p4[0][1] 2_EOTEnterGainX_HwDeg_u12p4[0][2] | 1152 |
| 2_EOTEnterGainX_HwDeg_u12p4[0][2] 2_EOTEnterGainX_HwDeg_u12p4[0][3] | 1296 |
| | 576 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] | 1712 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 1728 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][2] | 1744 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 1216 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][0] | 3632 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][1] | 3648 |
| 2_EOTEnterGainX_HwDeg_u12p4[2][2] | |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 3664 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][0] | 1856 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][1] | 5552 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5568 |
| 2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5584 |
| 2_EOTEnterGainY_Uls_u1p15[0][0] | 6 |
| 2_EOTEnterGainY_Uls_u1p15[0][1] | 7 |
| 2_EOTEnterGainY_Uls_u1p15[0][2] | 59 |
| 2_EOTEnterGainY_Uls_u1p15[0][3] | 573 |
| 2_EOTEnterGainY_Uls_u1p15[1][0] 2_EOTEnterGainY_Uls_u1p15[1][1] | 7 8 |

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| Name | Input Value |
|---|---|
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 88 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 859 |
| t2_EOTEnterGainY_Uls_u1p15[2][0] | 763 |
| | 78 |
| t2_EOTEnterGainY_Uls_u1p15[2][1] | |
| 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 EOTPosDepDmpTbIX HwDeg u12p4[0][0] | 640 |
| | |
| t2_EOTPosDepDmpTbIX_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_EOTPosDepDmpTbIX_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 |
| | 13696 |
| t_EOTDmpVspd_Kph_u9p7[1] | |
| t_EOTDmpVspd_Kph_u9p7[2] | 13824 |
| t_EOTDmpVspd_Kph_u9p7[3] | 13952 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 4608 |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 13696 |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 13824 |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 13952 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 128 |
| | 320 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 496 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 640 |
| t_TrqTableX_HwNm_u8p8[0] | 256 |
| t_TrqTableX_HwNm_u8p8[1] | 768 |
| t_TrqTbIY_Uls_u2p14[0] | 33 |
| t TrqTblY Uls u2p14[1] | 115 |
| target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | -465.279999 |
| target EOTActuatorMng Per1 CcwEo1_Hwbeg_lsz.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 | 0 |
| target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.839999974 |
| target EOTActuatorMng Per1 HandWheelPos HwDeg f32.value | 500.25 |
| target EOTActuatorMng Per1 HwTorque HwNm f32.value | -1.20000005 |
| target EOTActuatorMng Per1 MotorVel MtrRadpS f32.value | 0.69999988 |
| | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.617999971 |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 18.0699997 |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Results (Application of the Company of$ | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_InstAp_EOTAc$ | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr?$ | target_EOTActuatorMng_Per1_AssistEOTLimit_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_Cnt_lgc |
| · · · · · · · · · · · · · · · · · · · | |
| target_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 Igc | target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Rte_InstAp_EOTActuatorMn$ | 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 Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 MotorVel MtrRadpS | |
| gg_ig_ig_eg_eg.e | |



| 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 | -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 | ~ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 |

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| 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_UIs_u1p15[1][3] | 954 859 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] 2_EOTEnterGainY_Uls_u1p15[2][1] | 88 |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 7 |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 8 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 1429 |
| core.ner.eamene_arp.ng[s][0] 2_EOTEnterGainY_Uls_u1p15[3][1] | 147 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 9 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 10 |
| 2_EOTExPosDepDmpTbIY_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] | 512 656 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 151 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 939 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 345 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 243 |
| 2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[2][0] | 168 |
| 2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] | 237 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 77 |
| 2 EOTPosDepDmpTblY MtrNmpRadpS u0p16[3][1] | 110 |
| _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 |
| _SpdlptTblYTbl_MtrRadpS_u12p4[1] | 656 |
| _TrqTableX_HwNm_u8p8[0] | 0 |
| _TrqTableX_HwNm_u8p8[1] | 512 |
| _TrqTblY_Uls_u2p14[0] | 49 |
| _TrqTbIY_UIs_u2p14[1] | 131 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -444.160004 0 |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 1000 |
| arget_EOTActuatorMng_Per1_CwEOT_nwDeg_tsz.value | 1 |
| arget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_EOTDIsable_Cnt_lgc.value | 0.879999995 |
| arget_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -400.350006 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 2.2999995 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -0.800000012 |
| arget_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.541000009 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 19.0499992 |
| | |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping | g_target_EOTActuatoriving_Ferr_AssistEOTDamping_ivitinin_isz |





| Name | Input Value | | |
|---|--|---|--------|
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc$ | 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_lgd | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Rte_InstAp_EOTActuator$ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hwl | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Pe$ | 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_OutputRampMultLtd_Uls_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 VehicleSpeed Kph | target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 | | |
| 10.3-C 10-C 11-C 11-C 11-C 11-C 11-C 11-C 11 | 10.3113 13 | | |
| Name | Actual Value | Expected Value | Result |
| | , <u>, , , , , , , , , , , , , , , , , , </u> | _ · _ | Result |
| Name | Actual Value | Expected Value | Result |
| Name EOTActuatorMng_Damping_MtrNm_M_f32 | Actual Value 2.4000001 | Expected Value 2.4000001 ± 0.0000390625 | Result |
| Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | Actual Value 2.4000001 999.140015 | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 | Result |
| Name EOTActuatorMng_Damping_MtrNm_M_f32 EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | Actual Value 2.4000001 999.140015 1344659898 | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 1344659898 ± 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 2.4000001 999.140015 1344659898 32108156 | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 1344659898 ± 1 32108156 ± 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 2.4000001 999.140015 1344659898 32108156 0.541000009 | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 1344659898 ± 1 32108156 ± 1 0.541000009 ± 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 2.4000001 999.140015 1344659898 32108156 0.541000009 0.62612915 | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 1344659898 ± 1 32108156 ± 1 0.541000009 ± 0.00390625 0.62612915 ± 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 2.4000001 999.140015 1344659898 32108156 0.541000009 0.62612915 SES_DISABLED | Expected Value 2.4000001 ± 0.0000390625 999.140015 ± 0.0000390625 1344659898 ± 1 32108156 ± 1 0.541000009 ± 0.00390625 0.62612915 ± 0.0625 SES_DISABLED | Result |

| Test Step Call Trace | | | | 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 2.60 (Repeat Count = 1) | |
|---|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng Damping MtrNm M f32 | 2.7999995 |
| 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 | 0.465000004 |
| k EOTDefltPosition HwDeg u12p4 | 3552 |
| k EOTDeltaTrgThrsh HwNm u9p7 | 128 |
| k EOTDynConf Uls u8p8 | 23040 |
| k EOTEnterLPFKn Cnt u16 | 300 |
| k EOTExitLPFKn Cnt u16 | 1234 |
| k_EOTImpSpdEn_Kph_u9p7 | 6400 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 1200 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 3333 |
| k_MaxRackTrvl_HwDeg_u12p4 | 15984 |
| k_MinRackTrvl_HwDeg_u12p4 | 13680 |
| k_PosRampStep_HwDeg_u12p4 | 10976 |
| k_SoftStopEOTEnable_Cnt_lgc | 0 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 83 |
| 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 |

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| Name | | |
|--|---|-------------|
| 2. COTTOM-Comm. V. Morbige USES-\$2(7) 372 2. COTTOM-Comm. V. Morbige USES-\$2(7) 3744 2. COTTOM-Comm. V. Morbige USES-\$2(7) 3700 2. COTTOM-Comm. V. Morbige USES-\$2(7) 3800 2. COTTOM-Comm. V. Morbige USES-\$2(7) 5800 2. COTTOM-Comm. V. Level USES-\$2(7) 5800 2. COTTOM-Comm. V. Level 1990[9] 7 2. COTTOM-Comm. V. Level 1990[9] 7 2. COTTOM-Comm. V. Level 1990[9] 78 2. COTTOM-Comm. V. Level 1990[9] 180 2. COTTOM-Comm. V. | Name | Input Value |
| | t2_EOTEnterGainX_HwDeg_u12p4[1][3] | 1840 |
| | t2 EOTEnterGainX HwDeg u12p4[2][0] | 1248 |
| E. OEL BERNSTANN STANDER, 1920-1973 3740 E. OET BERNSTANN STANDER, 1920-1973 1888 E. OET BERNSTANN STANDER, 1920-1973 694 E. OET BERNSTANN STANDER, 1920-1973 694 E. OET BERNSTANN STANDER, 1920-1973 694 E. OET BERNSTANN STANDER, 1920-1973 78 E. OET BERNSTANN STANDER, 1920-1973 78 E. OET BERNSTANN STANDER, 1920-1973 78 E. OET BERNSTANN STANDER, 1920-1973 80 E. OET BERNSTANN STANDER, 1920-1973 90 E. OET BERNSTANDER, 1920-1974 90 <t< td=""><td></td><td>3728</td></t<> | | 3728 |
| EDITEMENTATION Company | | 3744 |
| E. DETERMERANY, LANDER, 1979-1971 5846 E. DETERMERANY, LANDER, 1979-1972 5846 E. DETERMERANY, LANDER, 1979-1973 5846 E. DETERMERANY, LANDER, 1979-1979 7 E. DETERMERANY, LANDER, 1979-1979 7 E. DETERMERANY, LANDER, 1979-1979 7 E. DETERMERANY, LANDER, 1979-1979 8 E. DETERMERANY, LANDER, 1979-1971 8 E. DETERMERANY, LANDER, 1979-1972 188 E. DETERMERANY, LANDER, 1979-1973 184 E. DETERMERANY, LANDER, 1979-1973 184 E. DETERMERANY, LANDER, 1979-1973 184 E. DETERMERANY, LANDER, 1979-1973 9 E. DETERMERANY, LANDER, 1979-1973 9 E. DETERMERANY, LANDER, 1979-1973 9 E. DETERMERANY, LANDER, 1979-1974 7 E. DETERMERANY, LANDER, 1979-1974 19 E. DETERMERANY, LANDER, 1979-1974 | | |
| | | |
| EDITEMPSONNY Lange | | |
| P.COTTMENDAMY_U_SPITATION TO | | |
| E. DOTTINICACIONI, SUL pUTSIGNITI 7 E. EOTTINICACIONI, SUL pUTSIGNITI 7 E. EOTTINICACIONI, SUL pUTSIGNITI 78 E. EOTTINICACIONI, SUL pUTSIGNITI 8 E. EOTTINICACIONI, SUL pUTSIGNITI 100 E. EOTTINICACIONI, SUL pUTSIGNITI 100 E. EOTTINICACIONI, SUL pUTSIGNITI 100 E. EOTTINICACIONI, SUL pUTSIGNITI 9 E. EOTTINICACIONI, SUL pUTSIGNITI 100 E. EOTTINICACIONI, SUL PUTSIGN | | |
| 2.EOTE-medical_Us_p1540[9] 78 2.FOTE-medical_Us_p1540[9] 8 2.FOTE-medical_Us_p1540[9] 8 2.FOTE-medical_Us_p1540[9] 8 2.FOTE-medical_Us_p1540[9] 8 2.FOTE-medical_Us_p1540[9] 8 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 17 2.FOTE-medical_Us_p1540[9] 10 2.FOTE-medi | | |
| 2.50THerican_vir_us_ptsquip 76 2.50THerican_vir_us_ptsquip 76 2.50THerican_vir_us_ptsquip 76 2.50THerican_vir_us_ptsquip 76 3.50THERICAN_vir_us_ptsquip 76 4.50THERICAN_vir_us_ptsquip 76 5.50THERICAN_vir_us_ptsquip 76 5.50THERICAN_vir_us_ptsquip 76 5.50THERICAN_vir_us_ptsquip 76 5.50THERICAN_vir_us_ptsquip 77 5.50 | | |
| 2.501FebroCamin_Us_stp15t[0] 6 8 8 8 8 8 8 8 8 8 | | |
| 2. P.OTE-INCORPO, May 1915[10] 8 2. P.OTE-INCORPO, May 1915[10] 108 2. P.OTE-INCORPO, May 1915[10] 108 2. P.OTE-INCORPO, May 1915[10] 104 2. P.OTE-INCORPO, May 1915[10] 88 2. P.OTE-INCORPO, May 1915[10] 88 2. P.OTE-INCORPO, May 1915[10] 8 2. P.OTE-INCORPO, May 1915[10] 102 2. P.OTE-INCORPO, May 1915[10] 105 2. P.OTE-INCORPO, May 1915[10] 107 2. P.OTE-INCORPO, May 1915[10] 108 2. P. | | |
| 2. EDTE-Recailanty 18. up. 1951 15 168 2. EDTE-Recailanty 18. up. 1951 15 17 2. EDTE-Recailanty 18. up. 1951 15 182 2. EDTE-Recailanty 18. up. 1951 15 187 2. EDTE-Recailanty 18. up. 1951 15 189 2. EDTE-Recailanty 18. up. | | |
| 2.60TemerGam', Us., printy [12] 108 104 104 104 105 104 104 105 104 105 104 105 104 105 | | |
| 2.60TenerGam', Us., print [12] 944 9 | | |
| 2_COTTANGENERAL Margins 1912 1915 | | |
| | | |
| 2. BOTERIAGRAM V. B. 1915(2)[2] 7 2. BOTERIAGRAM V. B. 1915(3)[3] 8 2. BOTERIAGRAM V. B. 1915(3)[3] 152 2. BOTERIAGRAM V. B. 1915(3)[3] 19 2. BOTERIAGRAM V. B. 1915(3)[3] 10 2. BOTERIAGRAM V. B. 1915(3)[3] 10 2. BOTERIAGRAM V. B. 1915(3)[3] 10 2. BOTERIAGRAM V. B. 1915(3)[3] 12 2. BOTERIAGRAM V. B. 1915(3)[3] 12 2. BOTERIAGRAM V. B. 1915(3)[3] 13 2. BOTERIAGRAM V. B. 1915(3)[3] 18 2. BOTERIAGRAM V. B. 1915(3)[3] 19 2. BOTERIAGRAM V. B. 1915(3)[3] 19 2. BOTERIAGRAM V. B. 1915(3)[3] 19 | t2_EOTEnterGainY_Uls_u1p15[2][0] | |
| 2. EOTEMINGANI Us. | t2_EOTEnterGainY_Uls_u1p15[2][1] | |
| 2. BOTENGGAMY Us. sjot15(3)(1) 157 2. BOTENGGAMY Us. sjot15(3)(2) 9 2. BOTENGGAMY Us. sjot15(3)(3) 10 2. BOTENGGAMY Us. sjot15(3)(4) 10 2. BOTENGGAMY Us. sjot15(4)(4)(4) 10 2. BOTENGGAMY Us. sjot15(4)(4)(4)(4) 10 2. BOTENGGAMY Us. sjot15(4)(4)(4) 20 2. BOTENGGAMY Us. sjot15(4)(4)(4)(4) 20 2. BOTENGGAMY Us. sjot15(4)(4)(4)(4) 20 2. BOTENGGAMY Us. sjot15(4)(4)(4)(4) 21 2. BOTENGGAMY Us. sjot15(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(| t2_EOTEnterGainY_Uls_u1p15[2][2] | 7 |
| 12. EOTER-Gam', Us. utp15[3]1 197 2. EOTER-Gam', Us. utp15[3]3 9 9 9 9 9 9 9 9 9 | t2_EOTEnterGainY_Uls_u1p15[2][3] | 8 |
| 12_COTEMPAGNATIV_Us_stp153[2] 9 2_COTEMPAGNATIV_Us_stp153[2] 10 2_COTEMPAGNATIV_Us_stp153[2] 10 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[0] 12 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[1] 18 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[1] 188 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[1] 188 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[2] 188 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[2] 183 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[2] 183 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[2] 183 2_COTEMPAGNATIV_UshTMPRAGDs_u0510[2] 183 2_COTEMPAGNATIV_UshTMPRAGDs_u0512[2] 266 2_COTEMPAGNATIV_UshTMPRAGDs_u0512[2] 174 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 182 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 185 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 185 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 185 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 185 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 186 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 187 2_COTEMPAGNATIV_USHTMPRAGDs_u0512[2] 187 < | t2_EOTEnterGainY_Uls_u1p15[3][0] | 1524 |
| 12_EOTEsine-Gain/Tull_Visits Si 3 | t2_EOTEnterGainY_Uls_u1p15[3][1] | 157 |
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| 2. EOTE-BosepompTbX_Hebrong_ut2p4(0) 0 704 2. EOTT-BosepompTbX_Hebrong_ut2p4(0) 0 704 2. EOTT-BosepompTbX_Hebrong_ut2p4(0) 1 1248 2. EOTT-BosepompTbX_Hebrong_ut2p4(0) 1 1152 2. EOTE-BosepompTbX_Hebrong_ut2p4(0) 1 1152 2. EOTE-BosepompTbY_Hebrong_ut2p4(0) 1 1152 2. EOTE-BosepompTbY_ | | |
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| 2_EOTPosDepDmpTbX_HwDeg_u12p4[1][1] 1152 1152 12_EOTPosDepDmpTbX_HwDeg_u12p4[2][0] 896 1144 1144 1142 1144 1 | | |
| 2_EOTPosDepDmpTbX_HwDeg_u1zp4[2][0] | | |
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| IZ_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 259 IZ_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 112 Z_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 788 L_EOTDmpVspd_Kph_u9p7[0] 4864 L_EOTDmpVspd_Kph_u9p7[1] 14464 L_EOTDmpVspd_Kph_u9p7[2] 14592 LEOTDmpVspd_Kph_u9p7[3] 14720 LEOTEnterGainVspd_Kph_u9p7[0] 4864 LEOTEnterGainVspd_Kph_u9p7[1] 14464 LEOTEnterGainVspd_Kph_u9p7[2] 14592 LEOTEnterGainVspd_Kph_u9p7[3] 14720 LEOTEnterGainVspd_Kph_u9p7[3] 14720 L_SpdiptTbXTb_HwDeg_u12p4[0] 96 L_SpdiptTbXTb_HwDeg_u12p4[1] 352 L_SpdiptTbYTb_MtrRadpS_u12p4[1] 672 L_TrqTableX_HwNm_u8p8[0] 256 L_TrqTableX_HwNm_u8p8[1] 1792 L_TrqTbY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CowEOT_HwDeg_i32.value 1440.10999 target_EOTActuatorMng_Per1_CowEOT_HwDeg_i32.value 100.054001 target_EOTActuatorMng_Per1_CowEOT_HwDeg_i32.value 100.054001 target_EOTActuatorMng_Per1_CowEOT_Hobe_g.i32.value 100.054001 | | |
| 12 EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 112 12 12 12 12 13 13 1 | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 183 |
| Page | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 259 |
| t_EOTDmpVspd_Kph_u9p7(0) 4864 t_EOTDmpVspd_Kph_u9p7(1) 14464 t_EOTDmpVspd_Kph_u9p7(2) 14592 t_EOTDmpVspd_Kph_u9p7(3) 14720 t_EOTEnterGainVspd_Kph_u9p7(0) 4864 t_EOTEnterGainVspd_Kph_u9p7(1) 14464 t_EOTEnterGainVspd_Kph_u9p7(2) 14592 t_EOTEnterGainVspd_Kph_u9p7(3) 14720 t_SoplptTbXTbl_HwDeg_u12p4(0) 96 t_SpdlptTbXTbl_HwDeg_u12p4(1) 352 t_SpdlptTbIYTbl_MtrRadpS_u12p4(0) 528 t_SpdlptTbIYTbl_MtrRadpS_u12p4(1) 672 t_TrqTableX_HwNm_u8p8(1) 1792 t_TrqTableX_HwNm_u8p8(1) 1792 t_TrqTbIY_UIs_u2p14(1) 147 t_rqstbL_u2p14(1) 147 t_rqstbL_u2p14(1) 147 t_rqstbL_U3p2p4(1) 147 | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 112 |
| t_EOTDmpVspd_Kph_u9p7[1] 14464 t_EOTDmpVspd_Kph_u9p7[2] 14592 t_EOTDmpVspd_Kph_u9p7[3] 14720 t_EOTEnterGainVspd_Kph_u9p7[0] 4864 t_EOTEnterGainVspd_Kph_u9p7[1] 14464 t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdiptTbiXTbl_HwDeg_u12p4[0] 96 t_SpdiptTbiXTbl_HwDeg_u12p4[1] 352 t_SpdiptTbiYTbl_MtrRadpS_u12p4[1] 672 t_TqTableX_HwNm_u8p8[0] 256 t_TqTableX_HwNm_u8p8[1] 1792 t_TrqTableX_HwNm_u8p8[1] 147 t_TrqTbl_Us_u2p14[0] 66 t_TrqTbl_Us_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 value -1440.10999 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 10.054001 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -0.550000012 | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 788 |
| t_EOTDmpVspd_Kph_u9p7[2] 14592 t_EOTDmpVspd_Kph_u9p7[3] 14720 t_EOTEnterGainVspd_Kph_u9p7[0] 4864 t_EOTEnterGainVspd_Kph_u9p7[1] 14464 t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdIptTblXTbl_HwDeg_u12p4[0] 96 t_SpdIptTblXTbl_HwDeg_u12p4[1] 352 t_SpdIptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Us_u2p14[1] 147 target_EOTActuatorMng_Per1_CowEOT_HwDeg_f32_value -1440.10999 target_EOTActuatorMng_Per1_CowFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_CowFOT_HwDeg_f32_value 100.054001 target_EOTActuatorMng_Per1_CowFOT_lsc.value 0 target_EOTActuatorMng_Per1_CowFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_CowFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | t_EOTDmpVspd_Kph_u9p7[0] | 4864 |
| t_EOTDmpVspd_Kph_u9p7[3] 14720 t_EOTEnterGainVspd_Kph_u9p7[0] 4864 t_EOTEnterGainVspd_Kph_u9p7[1] 14464 t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdIptTbIXTbl_HwDeg_u12p4[0] 96 t_SpdIptTbIXTbl_HwDeg_u12p4[1] 352 t_SpdIptTbIXTbl_MtrRadpS_u12p4[0] 528 t_SpdIptTbIXTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTbIY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 target_EOTActuatorMng_Per1_CcwFound_Cnt_Igc.value 0 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 1 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 1 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_UIs_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelAuth_UIs_f32.value -400.450012 | t_EOTDmpVspd_Kph_u9p7[1] | 14464 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | t_EOTDmpVspd_Kph_u9p7[2] | 14592 |
| t_EOTEnterGainVspd_Kph_u9p7[1] 14464 t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdiptTbIXTbl_HwDeg_u12p4[0] 96 t_SpdiptTbIXTbl_HwDeg_u12p4[1] 352 t_SpdiptTbIXTbl_MtrRadpS_u12p4[0] 528 t_SpdiptTbIYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTbIY_UIs_u2p14[0] 66 t_TrqTbIY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_CwFOund_Cnt_lgc.value 100.054001 target_EOTActuatorMng_Per1_EoTDisable_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_HandWheelAuth_UIs_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | t_EOTDmpVspd_Kph_u9p7[3] | 14720 |
| t_EOTEnterGainVspd_Kph_u9p7[1] 14464 t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdlptTblXTbl_HwDeg_u12p4[0] 96 t_SpdlptTblXTbl_HwDeg_u12p4[1] 352 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 528 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_UIs_u2p14[0] 66 t_TrqTblY_UIs_u2p14[0] 66 t_TrqTblY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value 100.054001 target_EOTActuatorMng_Per1_CcwFound_Cnt_Igc.value 100.054001 target_EOTActuatorMng_Per1_EoFT_Igc.value 100.054001 target_EOTActuatorMng_Per1_LendVeleInside_Cnt_Igc.value 100.055000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | 4864 |
| t_EOTEnterGainVspd_Kph_u9p7[2] 14592 t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdlptTblXTbl_HwDeg_u12p4[0] 96 t_SpdlptTblXTbl_HwDeg_u12p4[1] 352 t_SpdlptTblXTbl_HwDeg_u12p4[1] 528 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_UIs_u2p14[0] 66 t_TrqTblY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value 100.054001 target_EOTActuatorMng_Per1_CwFound_Cnt_Igc.value 1 target_EOTActuatorMng_Per1_CwFound_Cnt_Igc.value 1 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc.value 0 0 target_EOTActuatorMng_Per1_HandWheelAuth_UIs_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] 14720 t_SpdlptTblXTbl_HwDeg_u12p4[0] 96 t_SpdlptTblXTbl_HwDeg_u12p4[1] 352 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 528 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 0 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.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 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] 96 t_SpdlptTblXTbl_HwDeg_u12p4[1] 352 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 528 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value 00 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 100.054001 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 100.054001 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 00 target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | |
| t_SpdlptTbIXTbI_HwDeg_u12p4[1] 352 t_SpdlptTbIYTbI_MtrRadpS_u12p4[0] 528 t_SpdlptTbIYTbI_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTbIY_UIs_u2p14[0] 66 t_TrqTbIY_UIs_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 100.054001 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 1 target_EOTActuatorMng_Per1_HandWheelAuth_UIs_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 528 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 672 t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| t_TrqTableX_HwNm_u8p8[0] 256 t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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_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 | _ : : _ : _ : - : : : : : : : : : : : : | |
| t_TrqTableX_HwNm_u8p8[1] 1792 t_TrqTblY_Uls_u2p14[0] 66 t_TrqTblY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| t_TrqTbIY_Uls_u2p14[0] 66 t_TrqTbIY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| t_TrqTbIY_Uls_u2p14[1] 147 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -1440.10999 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 | | |
| 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 | | |
| 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_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_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_HandWheelAuth_Uls_f32.value 0.550000012 target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value -400.450012 | | |
| | | 0.550000012 |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value -3.4000001 | target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | -400.450012 |
| | target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | -3.4000001 |



| Name | Input Value | | |
|---|---|----------------------------|--------|
| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | DTActuatorMng_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Per1_AssistEOTDamping_Inst_Ap_EOTActuatorMng_Inst_Ap_EOTActuator$ | target_EOTActuatorMng_Per1_AssistEOTDa | mping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_AssistEOTActua$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$ | target_EOTActuatorMng_Per1_CcwFound_C | :nt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | | Deg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_Igt target_EOTActuatorMng_Per1_EOTDisable_Cnt_Igc | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Uls$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Per1_MtrRadpS_Per1_MtrRa$ | //trRadpS_target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target \ Rte \ Inst \ Ap \ EOTActuatorMng.EOTActuatorMng \ Per1 \ OutputRampMultLtd$ | //ultLtd target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 | | l_Kph_f32 | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0.39999857 | 0.400000006 ± 0.0000390625 | ~ |

| target_re_met_rp_corrected.com | g | | |
|---|--------------|-----------------------------|--------|
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 0.39999857 | 0.40000006 ± 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 | 0.40000006 ± 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 | ~ |

| Test Step Call Trace | | | | 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 2.61 (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 |

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| Name | Input Value | |
|--|-------------|--|
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 84 | |
| t2_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] | 720 624 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][0] 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 1856 | |
| 2_EOTETITEGATIN_TWDeg_u12p4[1][1] 2_EOTETITEGATIN_HwDeg_u12p4[1][2] | 1872 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 1888 | |
| 2_EOTEnterGainX_HwDeg_u12p4[1][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 | |
| 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] | 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 | |
| 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 | |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 736 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 1264 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 784 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1168 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 928 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4160 | |
| 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 | |
| _SpdlptTblYTbl_MtrRadpS_u12p4[0] | 544 | |
| SpdIptTblYTbl_MtrRadpS_u12p4[1] | 688 | |
| _TrqTableX_HwNm_u8p8[0] | 768 | |
| | 1536 | |
| TrqTblY_Uls_u2p14[0] | 82 | |
| i_TrqTbIY_Uls_u2p14[1] | 164 | |

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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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | target_EOTActuatorMng_Per1_AssistEOTDa | amping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTActuatorMn$ | 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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$ | target_EOTActuatorMng_Per1_CwFound_Cr | nt_lgc | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgc | target_EOTActuatorMng_Per1_EOTDisable_ | _Cnt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelA$ | target_EOTActuatorMng_Per1_HandWheelA | uth_Uls_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl | target_EOTActuatorMng_Per1_HandWheelP | os_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwMDorque_HwNm_fractuatorMng_Per1_HwMDorque_H$ | 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 | 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 | ✓ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 | |

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| Name | Input Value | |
|--|--------------|--|
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 400 | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 2222 | |
| k_MaxRackTrvl_HwDeg_u12p4 | 16000 | |
| k_MinRackTrvI_HwDeg_u12p4 | 6192 2624 | |
| k_PosRampStep_HwDeg_u12p4 | 1 | |
| <pre><_SoftStopEOTEnable_Cnt_lgc <_SpdlptScale_MtrNmpRadpS_u4p12</pre> | 84 | |
| k_Spulptocale_withinproaupS_u4p12 t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 160 | |
| 12_EOTEnterGainX_HwDeg_u12p4[0][1] | 352 | |
| 2_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 | |
| 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 | |
| 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] | 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 | |
| 12_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] | 302 213 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 302 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 168 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 237 | |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 736 | |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[0][0] | | |
| 2_EOTPosDopDmpTblX_HwDog_u12p4[0][1] | 1264 784 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 1168 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 928 | |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 4160 | |
| z_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 544 | |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 688 | |
| 2_EOTPosDepDmpTblY_flwDeg_u12p4[5][1] 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 | |
| cspdlptTblXTbl_HwDeg_u12p4[0] | 80 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 368 | |

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EOTActuatorMng_Per1

| EOTActuatorwing_FerT | | | TOIL CITORIO |
|--|--|----------------------------|--------------|
| Name | Input Value | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 544 | | |
| t_SpdIptTbIYTbI_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 | 0.00400000019 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 2.11999989 | | |
| 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_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_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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_O$ | 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 | ~ |
| target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value | 3.79999995 | 3.79999804 ± 0.00048828125 | 5 |
| | 0.400000400 | | |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 | ~ |

0.129669189

8.80000019

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_AssistEOTGain_Uls_f32.value

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

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| EOTActuatorMng_Per1 | TAACI(AL |
|--|-------------|
| Name | Input Value |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 896 |
| k_EOTDynConf_Uls_u8p8 | 7680 |
| k_EOTEnterLPFKn_Cnt_u16 | 854 |
| k_EOTExitLPFKn_Cnt_u16 | 333 |
| k_EOTImpSpdEn_Kph_u9p7 | 5632 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 190.440002 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 9999 |
| k_MaxRackTrvl_HwDeg_u12p4 | 5328 |
| k_MinRackTrvl_HwDeg_u12p4 | 20400 |
| k_PosRampStep_HwDeg_u12p4 | 5696 0 |
| k_SoftStopEOTEnable_Cnt_lgc k_SpdlptScale_MtrNmpRadpS_u4p12 | 81 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 800 |
| t2_EOTEnterGainX_TWDeg_u12p4[0][0] | 960 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 1120 |
| t2_EOTEnterGainX_rwbeg_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_TwDeg_u12p4[1][0] | 1152 |
| t2 EOTEnterGainX_nwbeg_u12p4[2][0] | 3440 |
| t2_EOTEnterGainX_nwbeg_u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2] | 3456 |
| t2_EOTEnterGainX_HwDeg_u12p4[2][3] | 3472 |
| t2_EOTEnterGainX_Twbeg_u12p4[2][0] 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 |
| 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] | 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 |

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EOTActuatorMng_Per1 Input Value t EOTEnterGainVspd Kph u9p7[0] 4096 12160 t_EOTEnterGainVspd_Kph_u9p7[1] t EOTEnterGainVspd Kph u9p7[2] 12288 t_EOTEnterGainVspd_Kph_u9p7[3] 12416 t SpdlptTblXTbl HwDea u12p4[0] 32 t_SpdlptTblXTbl_HwDeg_u12p4[1] 256 t_SpdlptTblYTbl_MtrRadpS_u12p4[0] 432 $t_SpdIptTbIYTbl_MtrRadpS_u12p4[1]$ 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 11 0299997 target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32$ target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTGain Uls target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 \\ target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32 \\ target_Rte_Inst_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Ap_EOTActuatorMng_Per1_AssistEOTLimit_Ap_EOTActuatorMng_Ap_EOTActuatorMn$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 \\ target_EOTActuatorMng_F0 \\ t$ 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 EOTDisable Cnt Igc target EOTActuatorMng Per1 EOTDisable Cnt Igc 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_EOTActuatorMng_Per1_VehicleSpeed_Kph_ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32 **Actual Value Expected Value** 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 0 ± 0.00390625 EOTActuatorMng OutputRampMultLtd M f32 EOTActuatorMng_PrevEOTGain_Uls_M_f32 0.266540527 0.266540527 ± 0.0625

| 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 | - |

SES_DISABLED

0.000201416027

0.266540527

0.528002918

SES_DISABLED

0.000201415998 ± 0.00048828125

0.266540527 ± 0.0000390625

0.528002918 + 0.00048828125

| 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

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

EOTActuatorMng_Per1

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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 k EOTDynConf Uls u8p8 10240 k_EOTEnterLPFKn_Cnt_u16 799 k_EOTExitLPFKn_Cnt_u16 444 5760 k_EOTImpSpdEn_Kph_u9p7 k EOTOriginalImpactandSoftEnd Cnt lgc 0 k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 290.440002 k_EOTStateHwTrqLPFKn_Cnt_u16 8888 k_MaxRackTrvl_HwDeg_u12p4 7104 k_MinRackTrvl_HwDeg_u12p4 15616 k_PosRampStep_HwDeg_u12p4 10816 k_SoftStopEOTEnable_Cnt_lgc k_SpdlptScale_MtrNmpRadpS_u4p12 81 t2_EOTEnterGainX_HwDeg_u12p4[0][0] 1440 t2_EOTEnterGainX_HwDeg_u12p4[0][1] 1600 t2_EOTEnterGainX_HwDeg_u12p4[0][2] 1760 1920 t2_EOTEnterGainX_HwDeg_u12p4[0][3] 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 3488 t2 EOTEnterGainX HwDeg u12p4[2][1] t2_EOTEnterGainX_HwDeg_u12p4[2][2] 3504 t2 EOTEnterGainX HwDeg u12p4[2][3] 3520 t2_EOTEnterGainX_HwDeg_u12p4[3][0] 1808 5408 t2_EOTEnterGainX_HwDeg_u12p4[3][1] 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] 59 573 t2_EOTEnterGainY_Uls_u1p15[1][3] 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_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] 544 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]$ 1168 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 688 t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 1072 t2 EOTPosDepDmpTbIX 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] 109 $t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1]$ t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 259 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 183

EOTActuatorMng_Per1

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Input Value t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 102 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 452 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 t_TrqTblY_Uls_u2p14[1] 655 $target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value$ -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 Mtr target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 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_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_EOTActuatorMng.Per1_HandWheelPos_Hwl target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_MotorVel_MtrRadpS_f32 target_EOTActuatorMng.Per1_VehicleSpeed_Kph_f32 target_EOTActuatorMng.Per1_VehicleSpeed_Kph_f32 target_EOTActuatorMng.Per1_VehicleSpeed_Kph_f32 target_EOTActuatorMng.Per1_VehicleSpeed_Kph_f32 target_EOTActuatorMng.

| target_Rte_inst_Ap_EOTActuatoriving.EOTActuatoriving_Per1_venicleSpeed_Rpn_ | _ target_EOTActuatorMng_PerT_venicleSpee | a_Kpn_132 | |
|---|---|----------------------------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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) | v v v v v v v v v v v v v v v v v v v |
|---|---------------------------------------|
| 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 | 0.20000003 |
| 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] 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_UIs_u1p15[0][1] t2_EOTEnterGainY_UIs_u1p15[0][2] | 39 |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 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] | 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] | 137 194 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 92 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 130 |
| t2_EOTEXPOSDepDinipTolT_MinNinpRadps_uopTo[3][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 576 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 1184 |
| t2_EOTPosDepDinpTblX_HwDeg_u12p4[0][1] | 704 |
| | |
| | 1088 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 768 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | |

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| Name | Input Value | | |
|---|---|-----------------------------|----------|
| t2_EOTPosDepDmpTblX_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_SpdIptTbIXTbI_HwDeg_u12p4[0] | 0 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 288 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[0] | 464 | | |
| t_SpdIptTblYTbl_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 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 | 0.829999983 | | |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 600.070007 | | |
| | 5 | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 0.5 | | |
| target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 0.541000009 | | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 16.0499992 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | | amaning Matching 522 | |
| 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_Igc | · | | |
| 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_Igc | , , <u>, , , , , , , , , , , , , , , , , </u> | ~ | |
| 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_ | 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 | ~ |
| target EOTActuatorMng Per1 AssistEOTI imit MtrNm f32 value | 0.570556641 | 0.670566641 + 0.00049939135 | |

0.570556641

target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value

0.570556641 ± 0.00048828125



| Test Step Call Trace | | | 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_lgc | 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 |
| © Report created by TESSY V3.1.11 report template V2.1 | |

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EOTActuatorMng_Per1

| 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_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 0 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 0 | | |
| t2_EOTPosDepDmpTbIX_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 EOTPosDepDmpTbIY 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] | 0 | | |
| 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 0 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 0 | | |
| | 0 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 0 | | |
| t_TrqTableX_HwNm_u8p8[0] | 0 | | |
| t_TrqTableX_HwNm_u8p8[1] | 0 | | |
| t_TrqTblY_Uls_u2p14[0] | 0 | | |
| t TrqTblY Uls u2p14[1] | 0 | | |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -1440.10999 | | |
| target EOTActuatorMng Per1 CcwFound Cnt Igc.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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssistEOTD$ | 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 Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwEOT HwDeg f3 | 0 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CcwFound Cnt Igc | target EOTActuatorMng Per1 CcwFound C | · - | |
| | 9 - 9 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$ | Jls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl | target_EOTActuatorMng_Per1_HandWheelPo | os_HwDeg_f32 | |
| 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 | -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

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| 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 | ✓ |

| Test Step Call Trace ✓ | | | | | |
|--|-------|--|-------|----------|--|
| 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 | ~ | |

| Test Step 2.67 (Repeat Count = 1) | |
|--|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 20.5 |
| 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 | 1 |
| 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 |
| <pre><_PosRampStep_HwDeg_u12p4</pre> | 13104 |
| <_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 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][1] | 14400 |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | 14400 |
| 2_EOTEnterGainX_HwDeg_u12p4[1][3] | 14400 |
| t2_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 |
| 12_EOTEnterGainX_HwDeg_u12p4[3][0] | 14400 |
| 12_EOTEnterGainX_HwDeg_u12p4[3][1] | 14400 |
| 12_EOTEnterGainX_HwDeg_u12p4[3][2] | 14400 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 14400 |
| 12_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 |
| | 32768 |
| 2 EOTEnterGainY Uls u1p15[1][0] | |
| 2_EOTEnterGainY_Uls_u1p15[1][0] 2_EOTEnterGainY_Uls_u1p15[1][1] | 32768 |

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| EOTActuatorMng_Per1 | TAZOICAL |
|---|---|
| Name | Input Value |
| 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 |
| 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 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 983 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 983 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 983 |
| t2_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 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 5760 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 5760 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 5760 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 5760 |
| 12_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 |
| 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_SpdIptTblXTbl_HwDeg_u12p4[0] | 2880 |
| t_SpdIptTblXTbl_HwDeg_u12p4[1] | 2880 |
| t SpdlptTblYTbl MtrRadpS u12p4[0] | 65520 |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 65520 |
| t TrgTableX HwNm u8p8[0] | 2560 |
| t_TrqTableX_HwNm_u8p8[1] | 2560 |
| t_rrqTablex_nwirin_uopo[i] t_rrqTblY_Uls_u2p14[0] | 16384 |
| t_rrqTbIY_UIS_u2p14[u] t_TrqTbIY_UIS_u2p14[1] | 16384 |
| target EOTActuatorMng Per1 CcwEOT HwDeg f32.value | 0 |
| target_EOTActuatorMng_Per1_CcwEO1_HwDeg_t32.value target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| target_EOTActuatorMng_Per1_CcwFound_Cnt_igc.value target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 1440.10999 |
| target_EOTActuatorMng_Per1_CwEOT_HwDeg_ts2.value target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1440.10999 |
| | |
| 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 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 10 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 1350 |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 1 |
| arget_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 511.992188 |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_ | , |
| arget_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_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_Cnt_lgc |
| 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 | , · |



EOTActuatorMng_Per1

| 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 | 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 | ~ |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|----------|--|
| 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) | v v v v v v v v v v v v v v v v v v v |
|---|---------------------------------------|
| 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 |

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| Name | Input Value |
|--|----------------|
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 0 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 3754 |
| k_MaxRackTrvl_HwDeg_u12p4 | 1776 |
| k_MinRackTrvI_HwDeg_u12p4 | 14400 10848 |
| k_PosRampStep_HwDeg_u12p4 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 |
| 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 0 |
| t2_EOTEnterGainY_Uls_u1p15[1][0] t2_EOTEnterGainY_Uls_u1p15[1][1] | 10813 |
| t2_EOTEInerGain1_Uis_u1p15[1][1] t2_EOTEInerGain1_Uis_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 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 320 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 0 320 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 0 |
| t2_EOTPosDepDripTblX_HwDeg_u12p4[2][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 |

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| Name | Input Value | | |
|---|---|----------------|--------|
| 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_TrqTbIY_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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTDamping_Per1_AssisTEOTD$ | ing_ target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ | target_EOTActuatorMng_Per1_AssistEOTGa | in_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_MtrInstructions and the property of the$ | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng.EOTAc$ | _Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hw | _Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$ | m_f: target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | dpS_target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_O$ | ultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_ | target_EOTActuatorMng_Per1_VehicleSpeed | I_Kph_f32 | |
| Name | Actual Value | Expected Value | Result |

| target_tite_inst_Ap_corActuationving_rerr_verificespeed_tipittarget_corActuationving_rerr_verificespeed_tipit_132 | | | | |
|---|--------------|-----------------------------|----------|--|
| 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 | ✓ | |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 FOTActuatorMng Per1 CP1 CheckpointReached | 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 | |

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Input Value Rte_Inst_Ap_EOTActuatorMng target_Rte_Inst_Ap_EOTActuatorMng k_EOTActiveRegionBypassMaxThresh_Uls_f32 k EOTDefltPosition_HwDeg_u12p4 4800 k_EOTDeltaTrqThrsh_HwNm_u9p7 1024 k EOTDvnConf Uls u8p8 205 k_EOTEnterLPFKn_Cnt_u16 3643 k_EOTExitLPFKn_Cnt_u16 222 $k_EOTImpSpdEn_Kph_u9p7$ 5504 k_EOTOriginalImpactandSoftEnd_Cnt_lgc 20 2399998 $k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32$ k_EOTStateHwTrqLPFKn_Cnt_u16 2436 3552 k_MaxRackTrvl_HwDeg_u12p4 15456 k_MinRackTrvl_HwDeg_u12p4 k_PosRampStep_HwDeg_u12p4 2016 k_SoftStopEOTEnable_Cnt_lgc 80 k SpdlptScale MtrNmpRadpS u4p12 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] Λ 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] 10813 t2_EOTEnterGainY_Uls_u1p15[1][1] t2_EOTEnterGainY_Uls_u1p15[1][2] 21627 t2 EOTEnterGainY_Uls_u1p15[1][3] 32768 t2_EOTEnterGainY_Uls_u1p15[2][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 32768 t2_EOTEnterGainY_Uls_u1p15[3][3] 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 t2_EOTPosDepDmpTblX_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 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_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 93 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 448 t_EOTDmpVspd_Kph_u9p7[0] 0

EOTActuatorMng_Per1

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Input Value t_EOTDmpVspd_Kph_u9p7[1] 640 1280 $t_EOTDmpVspd_Kph_u9p7[2]$ t_EOTDmpVspd_Kph_u9p7[3] 2560 t_EOTEnterGainVspd_Kph_u9p7[0] t EOTEnterGainVspd_Kph_u9p7[1] 640 t_EOTEnterGainVspd_Kph_u9p7[2] 1280 t_EOTEnterGainVspd_Kph_u9p7[3] 2944 $t_SpdlptTblXTbl_HwDeg_u12p4[0]$ 400 t_SpdlptTblXTbl_HwDeg_u12p4[1] 816 t SpdlptTblYTbl MtrRadpS u12p4[0] 304 t_SpdlptTblYTbl_MtrRadpS_u12p4[1] 976 2048 t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] 2304 t TraTblY Uls u2p14[0] 32 t_TrqTblY_Uls_u2p14[1] 327 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value -777 $target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value$ 0 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value 855 target_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value 0 target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value 0.670000017 $target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value$ 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 $target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTDamping_target_EOTActuatorMng_EOTActuato$ 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 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3] \\ target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f3] \\ target_EOTActuatorMng_F3] \\ target_EOTActuatorMng_F4] \\ t$ $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt_lgc \\ target_EOTActuatorMng_Per1_CcwFound_Cnt$ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 CwFound Cnt Igc target EOTActuatorMng Per1 CwFound Cnt Igc 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_HandWheelAuth_Uls_f32 target_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelPos_Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_MotorVel_MtrRadpS_target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_OutputRampMultLtd_target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32$ $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_VehicleSpeed_Kph_\Big|\ target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32$ Actual Value Expected Value

| | 7.10100. 7 0.00 | =xpooted raido | |
|---|-----------------|-----------------------------|----------|
| 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 ± 0.00048828125 | ✓ |
| target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | 0.404998779 | 0.404998779 ± 0.0000390625 | • |
| target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value | 8.80000019 | 8.80000019 ± 0.00048828125 | ✓ |
| | | | |

| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 3.3 (Repeat Count = 1) | |
|--|-----------------------------------|
| Name | Input Value |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -4.8000019 |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 780 |
| 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_UIs_f32 | 0 |
| k_EOTDefltPosition_HwDeg_u12p4 k_EOTDeflaTrqThrsh_HwNm_u9p7 | 10848 768 |
| k_EOTDynConf_Uls_u8p8 | 205 |
| k_EOTEnterLPFKn_Cnt_u16 | 3456 |
| k_EOTExitLPFKn_Cnt_u16 | 3564 |
| k_EOTImpSpdEn_Kph_u9p7 | 8064 |
| k_EOTOriginalImpactandSoftEnd_Cnt_lgc | 0 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 30.6100006 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 100 |
| k_MaxRackTrvl_HwDeg_u12p4 | 2208 |
| k_MinRackTrvl_HwDeg_u12p4 | 6512 |
| k_PosRampStep_HwDeg_u12p4 | 10848 |
| k_SoftStopEOTEnable_Cnt_lgc | 1 |
| k_SpdlptScale_MtrNmpRadpS_u4p12 t2 EOTEnterGainX HwDeg u12p4[0][0] | 88 |
| t2_EOTEnterGainX_nwbeg_u12p4[0][0] t2_EOTEnterGainX_Hwbeg_u12p4[0][1] | 480 |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 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] | 0 |
| t2_EOTEnterGainX_HwDeg_u12p4[3][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 |
| t2_EOTEnterGainY_Uls_u1p15[1][1] | 10813 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 21627 |
| t2_EOTEnterGainY_Uls_u1p15[1][3] | 32768 0 |
| t2_EOTEnterGainY_Uls_u1p15[2][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] t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 512 31 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 94 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 160 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] | 224 |
| t2_EOTPosDepDmpTblX_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_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 0 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 320 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 0 |

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| 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][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] | 5504 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 400 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1136 | | |
| t_SpdiptTbl/Tbl_MtrRadpS_u12p4[0] | 624 | | |
| t_SpdiptTbl/Tbl_MtrRadpS_u12p4[0] | 960 | | |
| t_TrqTableX_HwNm_u8p8[0] | 2304 | | |
| | 2560 | | |
| t_TrqTableX_HwNm_u8p8[1] | 49 | | |
| t_TrqTblY_Uls_u2p14[0] | | | |
| 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 | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mt | rt target_EOTActuatorMng_Per1_AssistEOTI | _imit_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_t | f3 target_EOTActuatorMng_Per1_CcwEOT_F | lwDeg_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_f3 | target_EOTActuatorMng_Per1_CwEOT_H | wDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_Igc$ | target_EOTActuatorMng_Per1_CwFound_ | Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Ig | target_EOTActuatorMng_Per1_EOTDisable | e_Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth U | lls target_EOTActuatorMng_Per1_HandWhee | lAuth_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_HwarderMng_Per1_HwarderMng_Per1$ | wl target_EOTActuatorMng_Per1_HandWhee | IPos_HwDeg_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwNm_Inst_Ap_EOTActuatorMng_Per1_HwNm_Inst_$ | _f: target_EOTActuatorMng_Per1_HwTorque_ | _HwNmf32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadparts and the start of th$ | S target_EOTActuatorMng_Per1_MotorVel_M | /trRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtdtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuat$ | d_target_EOTActuatorMng_Per1_OutputRam | pMultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kphromerral (Speed) and the property of t$ | target_EOTActuatorMng_Per1_VehicleSpe | ed_Kph_f32 | |
| Name | Actual Value | Expected Value | Resu |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -4.73878002 | -4.73878002 ± 0.0000390625 | |
| EOTActuatorMng EOTImpactPos HwDeg M f32 | 780 | 780 ± 0.0000390625 | |
| EOTActuatorMng FiltEOTGainSV HwNm M u1p31 | 1028655130 | 1028655130 ± 1 | |
| 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 | |
| | 0=0_1101111111E | 525_1101111111E | |
| <u> </u> | -4 73878002 | -4 73878002 ± 0 00048828125 | |
| target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value | -4.73878002 0.479003906 | -4.73878002 ± 0.00048828125 0.479003906 ± 0.0000390625 | |



| Test Step Call Trace | | | | ✓ |
|--|-------|--|-------|----------|
| 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 Sten 2.4 (Penest Count = 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 |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0 |
| k_EOTDefltPosition_HwDeg_u12p4 | 12624 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 512 |
| k_EOTDynConf_Uls_u8p8 | 205 |
| 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 | 46.6599998 |
| 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_SpdIptScale_MtrNmpRadpS_u4p12 | 89 |
| 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 |
| 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 |

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EOTActuatorMng_Per1

| | | • | |
|--|--|----------------------------|-------|
| 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 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 256 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 154 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 512 31 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 320 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 0 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 320 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] | 0 320 | | |
| 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] t_EOTDmpVspd_Kph_u9p7[2] | 1280 | | |
| t_EOTDInipvspd_Kph_u9p7[2] | 2560 | | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 0 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 640 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 1280 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 5760 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 400 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1168 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 656 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 960 | | |
| t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] | 1792 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 | 0.88999986 | | |
| target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32.value | 882 | | |
| target_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | 4.5 -1118 | | |
| target_EOTActuatorMng_Per1_initionvel_initradpS_132.value target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.358999997 | | |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 26 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampin | | amping_MtrNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_U | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssistEOTLimit_Mng_AssisTE$ | trl target_EOTActuatorMng_Per1_AssistEOTLi | mit_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_Results = 0.0000000000000000000000000000000000$ | | | |
| 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_Igotarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_ | | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDIsable_Cnt_ target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelAuth_t | | | |
| 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_OutputRampMultL | 1 | · - | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kpl | | | |
| Name | Actual Value | Expected Value | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -2.70668006 | -2.70668006 ± 0.0000390625 | • |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 789 | 789 ± 0.0000390625 | • |
| EOTActuatorMng_FiltEOTGainSV_HwNm_M_u1p31 | 519153239 | 519153239 ± 1 | • |
| EOTActuatorMng FiltHWTrgSV HwNm M s7p24 | -149958144 | -149958144 ± 1 | • |

-149958144

-149958144 ± 1

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

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0



0 ± 0.00048828125

| EOTActuatorMng_Per1 | | Razo | rcat |
|---|--------------|-----------------------------|----------|
| 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 | • |

| Test Step Call Trace | | | | ~ |
|--|-------|--|-------|--------|
| 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 |

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| EOTActuatorMng_Per1 | MACILAL |
|--|---|
| Name | Input Value |
| t2_EOTEnterGainY_Uls_u1p15[1][1] | 10813 |
| t2_EOTEnterGainY_Uls_u1p15[1][2] | 21627 |
| t2_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 |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 32768 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 0 |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 10813 |
| 2_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_EOTExPosDepDmpTblY_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 |
| t2_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 |
| t2_EOTPosDepDmpTbIY_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] | 7808 |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 400 |
| :_SpdlptTblXTbl_HwDeg_u12p4[1] | 1312 |
| SpdlptTblYTbl_MtrRadpS_u12p4[0] | 848 |
| :_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 960 |
| _TrqTableX_HwNm_u8p8[0] | 768 |
| _TrqTableX_HwNm_u8p8[1] | 1024 |
| TrqTblY_Uls_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 | 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 |
| arget_EOTActuatorMng_Per1_HwTorque_HwNm_f32.value | 0.550000012 |
| arget_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32.value | -550 |
| 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_ | target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ | target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |
| arget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr1 | 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_lgc |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_Igc | |
| V = | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwEOT_HwDeg_f32 | target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CwFound_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_Cnt_lgc |
| 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_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_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_EOTActuatorMng_Per1_CwFound_Cnt_lgc target_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 |



| Name | Input Value | | |
|--|---|-----------------------------|--------|
| 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_ | target_EOTActuatorMng_Per1_VehicleSpeed | 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 | ~ |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|----------|--|
| 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 |

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| | (|
|--|--|
| Name | Input Value |
| 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] t2_EOTEnterGainY_Uls_u1p15[3][0] | 32768 32768 |
| t2_EOTEnterGain1_0is_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 |
| 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 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 5760 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 5760 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 5760 |
| t2_EOTPosDepDmpTbIX_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] | 983 983 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 983 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 2864 |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 2880 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 13088 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 13104 |
| t_TrqTableX_HwNm_u8p8[0] t_TrqTableX_HwNm_u8p8[1] | 2560 2560 |
| t_TrqTblY_Uls_u2p14[0] | 16 |
| t_riq1bi1_bis_0zp14[0] t_riq1biY_Uls_u2p14[1] | 98 |
| target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | 0 |
| target_EOTActuationing_rer1_CcwEOT_nwbeg_isz.value 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 | 1118 |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.063000001 |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 511.992188 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDampin | target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32 |
| | s_ target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32 |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_UI | |
| | rt 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 AssistEOTLimit Mtarget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng.EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_CcwFound_Cnt_lget_Rte_Inst_Ap_EOTActuatorMng.Per1_Rte_Ins | f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 ctarget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 AssistEOTLimit Mil | f3 target_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32 target_EOTActuatorMng_Per1_CcwFound_Cnt_Igc g2 target_EOTActuatorMng_Per1_CwEOT_HwDeg_f32 |



| Name | Input Value | | |
|--|---|----------------------------|--------|
| 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwNm_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Per1_HwM_fractuatorMng_Pe$ | target_EOTActuatorMng_Per1_HwTorque_H | wNm_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS | target_EOTActuatorMng_Per1_MotorVel_Mt | rRadpS_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMng_Per1_OutputRampMultDTACTUATORMn$ | 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 | 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 | • |

| Test Step Call Trace | | | | | |
|--|-------|--|-------|--------|--|
| 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 | 3.2000005 |
| 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 |

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| Namo | Input Value |
|---|-------------|
| Name | Input Value |
| 2_EOTEnterGainX_HwDeg_u12p4[2][3] | 1440 |
| 12_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 |
| t2_EOTEnterGainY_Uls_u1p15[0][1] | 10813 |
| t2_EOTEnterGainY_Uls_u1p15[0][2] | 21627 |
| t2_EOTEnterGainY_Uls_u1p15[0][3] | 32768 |
| 2_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 |
| 2_EOTEnterGainY_Uls_u1p15[2][0] | 0 |
| 2_EOTEnterGainY_Uls_u1p15[2][1] | 10813 |
| 2_EOTEnterGainY_Uls_u1p15[2][2] | 21627 |
| 2_EOTEnterGainY_Uls_u1p15[2][3] | 32768 |
| 2_EOTEnterGainY_Uls_u1p15[3][0] | 0 |
| 2_EOTEnterGainY_Uls_u1p15[3][1] | 10813 |
| 2_EOTEnterGainY_Uls_u1p15[3][2] | 21627 |
| 2_EOTEnterGainY_Uls_u1p15[3][3] | 32768 |
| t2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 0 |
| t2_EOTEXROSDEpDmpTblY_MtrNmpRadps_u0p16[0][1] | 256 |
| 2_EOTEXPOSDEpDmpTblY_MtrNmpRadps_u0p10[0][1] | 154 |
| t2_EOTEXPosDepDmp1bi1_mtiNmpRadps_u0p16[1][0] t2_EOTExPosDepDmpTbiY_MtrNmpRadps_u0p16[1][1] | 512 |
| | 31 |
| 2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 94 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 160 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 224 |
| I2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 0 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 320 |
| 2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 0 |
| 2_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 320 |
| 2_EOTPosDepDmpTbIX_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_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] | 0 |
| 2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] | 128 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 146 |
| t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] | 416 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 31 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 640 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 93 |
| 2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 448 |
| t_EOTDmpVspd_Kph_u9p7[0] | 0 |
| E_EOTDmpVspd_Kph_u9p7[1] | 640 |
| t_EOTDmpVspd_Kph_u9p7[2] | 1280 |
| EOTDmpVspd Kph u9p7[3] | 2560 |
| EEOTEnterGainVspd_Kph_u9p7[0] | 0 |
| EOTEnterGainVspd_Kph_u9p7[1] | 640 |
| EOTEnterGainVspd_Kph_u9p7[1] | 1280 |
| _EOTEnterGainVspd_kpr_usp7[2] : EOTEnterGainVspd_kph_u9p7[3] | 2816 |
| _ | 400 |
| _SpdlptTblXTbl_HwDeg_u12p4[0] | |
| :_SpdlptTblXTbl_HwDeg_u12p4[1] | 800 |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 288 |
| :_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 960 |
| _TrqTableX_HwNm_u8p8[0] | 2304 |
| _TrqTableX_HwNm_u8p8[1] | 2560 |
| _TrqTbIY_Uls_u2p14[0] | 32 |
| _TrqTblY_Uls_u2p14[1] | 114 |
| arget_EOTActuatorMng_Per1_CcwEOT_HwDeg_f32.value | -888 |
| arget_EOTActuatorMng_Per1_CcwFound_Cnt_lgc.value | 1 |
| arget_EOTActuatorMng_Per1_CwEOT_HwDeg_f32.value | 950 |
| arget_EOTActuatorMng_Per1_CwFound_Cnt_lgc.value | 1. |
| rarget_EOTActuatorMng_Per1_EOTDisable_Cnt_lgc.value | 0 |
| arget_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32.value | 0.779999971 |
| arget EOTActuatorMng Per1 HandWheelPos HwDeg f32.value | -1440.10999 |
| target EOTActuatorMng Per1 HwTorque HwNm f32.value | -10 |
| target_EOTActuatorMrig_Per1_mwTorque_mwNrif_isz.value target_EOTActuatorMrig_Per1_MotorVel_MtrRadpS_f32.value | -1118 |
| | |
| target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32.value | 0.172000006 |
| target_EOTActuatorMng_Per1_VehicleSpeed_Kph_f32.value | 10 |



| Name | Input Value | | |
|--|---|----------------------------|----------|
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTGain_Uls_InstAp_EOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_Per1_AssistEOTActuatorMng_AssistEOTAct$ | target_EOTActuatorMng_Per1_AssistEOTGa | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwFound_Cnt_lgc$ | target_EOTActuatorMng_Per1_CcwFound_C | :nt_lgc | |
| 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_Igc | target_EOTActuatorMng_Per1_CwFound_Cr | nt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 EOTDisable Cnt Igc | 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 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outp$ | 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 | 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 | ~ |

| Test Step Call Trace | | | | |
|--|-------|--|-------|--------|
| 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 FOTActuatorMng Per1 CP1 ChecknointReached | 1 | Rte Call FOTActuatorMng 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_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 | 1 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 106.660004 |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 3754 |
| k_MaxRackTrvl_HwDeg_u12p4 | 1776 |
| k_MinRackTrvI_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 |

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| Name | Input Value | |
|---|-------------|--|
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 1440 | |
| t2_EOTEnterGainX_TWDeg_u12p4[1][0] | 0 | |
| t2_EOTEnterGainX_nwbeg_u12p4[1][0] t2_EOTEnterGainX_HwDeg_u12p4[1][1] | 480 | |
| | 960 | |
| t2_EOTEnterGainX_HwDeg_u12p4[1][2] | | |
| 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] | 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[2][0] | 0 | |
| t2_EOTEnterGainY_Uls_u1p15[3][1] | 0 | |
| | 0 | |
| t2_EOTEnterGainY_UIs_u1p15[3][2] | | |
| t2_EOTEnterGainY_Uls_u1p15[3][3] | 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][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_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 | |
| _ | | |
| 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 | |
| t_SpdiptTbiXTbi_HwDeg_u12p4[t] | 800 | |
| | 288 | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 960 | |
| t_TrqTableX_HwNm_u8p8[0] | 0 | |
| t_TrqTableX_HwNm_u8p8[1] | 0 | |
| t_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 | |
| · - · v - · · · · | 1 | |



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 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTDamping_$ | target_EOTActuatorMng_Per1_AssistEOTDa | mping_MtrNm_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Inst_Ap_EOTActuatorMng_Per1_AssistEOTGain_Uls_Ap_EOTActuatorMng_AssistEOTActuatorMng_Ap_EOTActuatorMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACTUATORMng_ApATACT$ | target_EOTActuatorMng_Per1_AssistEOTGa | in_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTLimit_Mtr \ref{target}$ | 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_HwD | Deg_f32 | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc | target_EOTActuatorMng_Per1_CwFound_Cr | nt_lgc | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_EOTDisable_Cnt_lgcaperset and the property of the prop$ | target_EOTActuatorMng_Per1_EOTDisable_ | Cnt_lgc | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelAuth Uls | Uls target_EOTActuatorMng_Per1_HandWheelAuth_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HandWheelPos_Hwl$ | _Hwl target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$ | Nm_f: target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpS_Per1_MtrRadpS_Per1_$ | tadpS_target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd$ | target_EOTActuatorMng_Per1_OutputRampl | MultLtd_Uls_f32 | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_restriction (Application of the Company of the Compan$ | target_EOTActuatorMng_Per1_VehicleSpeed | d_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 | ~ |
| target EOTActuatorMng Per1 AssistEOTLimit MtrNm f32.value | 0.349609375 | 0.349609375 ± 0.00048828125 | V |

| Test Step Call Trace | | | | |
|--|-------|--|-------|----------|
| 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 3.9 (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 | |

EOTActuatorMng_Per1

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Input Value k_MaxRackTrvl_HwDeg_u12p4 23040 23040 k_MinRackTrvl_HwDeg_u12p4 k_PosRampStep_HwDeg_u12p4 13104 k_SoftStopEOTEnable_Cnt_lgc 1024 k SpdlptScale MtrNmpRadpS u4p12 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 14400 t2_EOTEnterGainX_HwDeg_u12p4[1][1] 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 32768 t2_EOTEnterGainY_Uls_u1p15[2][1] t2_EOTEnterGainY_Uls_u1p15[2][2] 32768 t2 EOTEnterGainY Uls u1p15[2][3] 32768 t2_EOTEnterGainY_Uls_u1p15[3][0] 32768 32768 t2_EOTEnterGainY_Uls_u1p15[3][1] 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_EOTExPosDepDmpTbIY_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 5760 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1]$ t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 5760 $t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1]$ 5760 5760 t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 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] 983 983 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 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 2880 $t_SpdIptTbIXTbl_HwDeg_u12p4[1]$ t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] 65520 t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] 65520

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8.80000019 ± 0.00048828125

8.80000019 ± 0.00048828125

1 ± 0.0000390625

EOTActuatorMng_Per1

| LOTACIDATIONING_FEFT | | | CIPCIO | |
|--|--|---|----------|--|
| 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_AssistEOTD | amping_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_AssistEOTGain_Uls_ | target_EOTActuatorMng_Per1_AssistEOTG | ain_Uls_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_AssistEOTLimit_Mtrlagered and the property of the prop$ | target_EOTActuatorMng_Per1_AssistEOTLi | mit_MtrNm_f32 | | |
| target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CcwEOT_HwDeg_f3 | target_EOTActuatorMng_Per1_CcwEOT_H | wDeg_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_Hw | Deg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_CwFound_Cnt_lgc$ | target_EOTActuatorMng_Per1_CwFound_C | nt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_EOTDisable_Cnt_Igenerate and the property of the prope$ | target_EOTActuatorMng_Per1_EOTDisable | _Cnt_lgc | | |
| $target_Rte_Inst_Ap_EOTActuatorMng_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_Inst_Ap_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng_Per1_HandWheelAuth_Ulstarget_Rte_InstAp_EOTActuatorMng$ | target_EOTActuatorMng_Per1_HandWheel | Auth_Uls_f32 | | |
| target Rte Inst Ap EOTActuatorMng.EOTActuatorMng Per1 HandWheelPos Hw | target_EOTActuatorMng_Per1_HandWheell | target_EOTActuatorMng_Per1_HandWheelPos_HwDeg_f32 | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_HwTorque_HwNm_f$ | target_EOTActuatorMng_Per1_HwTorque_HwNm_f32 | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_MotorVel_MtrRadpStarter(Mathematical Control of the Control of Co$ | target_EOTActuatorMng_Per1_MotorVel_MtrRadpS_f32 | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_Inst_Ap_EOTActuatorMng_Per1_OutputRampMultLtd_InstAp_EOTActuatorMng_Per1_Outp$ | target_EOTActuatorMng_Per1_OutputRampMultLtd_Uls_f32 | | | |
| $target_Rte_Inst_Ap_EOTActuatorMng.EOTActuatorMng_Per1_VehicleSpeed_Kph_Inst_Ap_EOTActuatorMng_Per1_VehicleSpe$ | target_EOTActuatorMng_Per1_VehicleSpee | ed_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 | ✓ | |
| FOTA -turned Many David Assists OFD | 0.00000010 | 0.00000010 + 0.00040000105 | | |

| Test Step Call Trace ✓ | | | | |
|--|-------|--|-------|----------|
| 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

 $target_EOTActuatorMng_Per1_AssistEOTDamping_MtrNm_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTGain_Uls_f32.value$

 $target_EOTActuatorMng_Per1_AssistEOTLimit_MtrNm_f32.value$

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 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)\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 |
|--------------------------|--|
| /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 | <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.tpl |
| Target Install Path | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre> |
| Time Unit | Cycles |

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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

(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_EOTPosDepDmpTbIX_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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 |

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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_EOTExPosDepDmpTblY_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 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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
TS2.6 555 cycles
TS2.7 555 cycles
TS2.8 459 cycles
TS2.8 459 cycles
TS2.10 555 cycles
TS2.11 555 cycles
TS2.12 470 cycles
TS2.12 553 cycles
TS2.13 470 cycles
TS2.13 470 cycles
TS2.14 470 cycles
TS2.13 470 cycles
TS2.14 470 cycles
TS2.15 553 cycles
TS2.16 470 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
TS2.21 59 cycles
TS2.22 554 cycles
TS2.23 469 cycles
TS2.24 467 cycles
TS2.25 555 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
TS2.29 555 cycles
TS2.31 470 cycles
TS2.31 470 cycles
TS2.32 555 cycles
TS2.33 470 cycles
TS2.33 470 cycles
TS2.34 538 cycles
TS2.35 55 cycles
TS2.35 55 cycles
TS2.34 538 cycles
TS2.35 555 cycles
TS2.37 539 cycles
TS2.38 554 cycles
TS2.39 554 cycles
TS2.41 539 cycles
TS2.42 469 cycles
TS2.43 533 cycles
TS2.44 544 cycles
TS2.45 555 cycles
TS2.46 66 cycles
TS2.47 469 cycles
TS2.47 469 cycles
TS2.47 469 cycles
```

Description

Vector Description

```
TS2.1CWEOT2_HwDeg_T_f32 max
TS2.3CWEOT2_HwDeg_T_f32 pos
TS2.4CcwEOT2_HwDeg_T_f32 max
TS2.5CcwEOT2_HwDeg_T_f32 min
TS2.5CcwEOT2_HwDeg_T_f32 max
TS2.6CcwEOT2_HwDeg_T_f32 max
TS2.6CcwEOT2_HwDeg_T_f32 max
TS2.6CcwEOT2_HwDeg_T_f32 mid
TS2.7CcwEOT2_HwDeg_T_f32 mid
TS2.7CcwEOT2_HwDeg_T_f32 min
TS2.9VehicleSpeed1_Kph_T_f32 min
TS2.9VehicleSpeed1_Kph_T_f32 pos
TS2.11HandWheelPos4_HwDeg_T_f32 min
TS2.12HandWheelPos4_HwDeg_T_f32 max
TS2.13HandWheelPos4_HwDeg_T_f32 max
TS2.13HandWheelPos4_HwDeg_T_f32 max
TS2.13HandWheelPos4_HwDeg_T_f32 pos
TS2.14HandWheelPos4_HwDeg_T_f32 pos
TS2.15HandWheelPos4_HwDeg_T_f32 pos
TS2.15HandWheelPos4_HwDeg_T_f32 pos
TS2.16MotorVel_MtrRadpS1_T_f32 pos
TS2.18MotorVel_MtrRadpS1_T_f32 max
TS2.18MotorVel_MtrRadpS1_T_f32 pos
TS2.18MotorVel_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 =2
TS2.24SESState_Uls_M_enum max
TS2.25t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2] min
TS2.26t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2] min
TS2.28t_EOTDmpVspd_Kph_u9p7[4] min
TS2.29t_EOTDmpVspd_Kph_u9p7[4] min
TS2.30t_EOTDmpVspd_Kph_u9p7[4] min
TS2.31t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2] min
TS2.31t2_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2] min
TS2.35t2_EOTExPosDepDmpTbIY_MtrNmpRadpS_u0p16[2] min
TS2.35t2_EOTExPosDepDmpTbIY_MtrNmpRadpS_u0p
```

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| Test Step 2.1 (Repeat Count = 1) | Invest Welling | | |
|---|----------------|----------------------------|----------|
| 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] | 76 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 108 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 77 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 108 | | |
| t2_EOTExPosDepDmpTblY_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] | 10 | | |
| 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 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng Damping MtrNm M f32 | -8.80000019 | -8.80000019 ± 0.0000390625 | - Roodii |
| SES CalcEOTDamp() | -8.80000019 | -8.80000019 | |

| Test Step Call Trace | | | | ✓ | |
|---------------------------------|-------|---------------------------------|-------|----------|-----|
| Actual Function | Count | Expected Function | Count | Resu | ilt |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | | ~ |

| Test Step 2.2 (Repeat Count = 1) | la de la companya de |
|---|--|
| Name | Input Value |
| CcwEOT_HwDeg_T_f32 | -1200.55005 |
| CwEOT_HwDeg_T_f32 | 1440.10999 |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -6.4000001 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING |
| HandWheelPos_HwDeg_T_f32 | 700.156982 |
| MotorVel_MtrRadpS_T_f32 | 705.257996 |
| VehicleSpeed_Kph_T_f32 | 200.240997 |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 1.00999999 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 16 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 22 |
| 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] | 48 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 96 |
| 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 |

SES_CalcEOTDamp

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| 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 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] | 80 | | |
| t2 EOTPosDepDmpTblX HwDeg u12p4[0][1] | 112 | | |
| t2 EOTPosDepDmpTbIX HwDeg u12p4[1][0] | 512 | | |
| t2 EOTPosDepDmpTblX HwDeg u12p4[1][1] | 1152 | | |
| t2 EOTPosDepDmpTblX HwDeg u12p4[2][0] | 672 | | |
| t2_EOTPosDepDmpTbIX_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 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -3.97796011 | -3.97796011 ± 0.0000390625 | - Itour |
| SES CalcEOTDamp() | -3.97796011 | -3.97796011 | |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 |
| 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()

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| i————————————————————————————————————— | | | |
|---|--------------|----------------------------|--------|
| 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 | |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|------|----|
| Actual Function | Count | Expected Function | Count | Resu | lt |
| 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |





| Test Step 2.7 (Repeat Count = 1) | | | V |
|---|--------------|---------------------------|--------|
| 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_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 | | |
| 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 |

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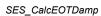


| Name | Input Value | | |
|---|--------------|----------------------------|--------|
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1136 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 864 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 4128 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 107 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 151 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 243 | | |
| t2_EOTPosDepDmpTblY_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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | ✓ |

| Test Step Call Trace | | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|--|
| Actual Function | Count | Expected Function | Count | Result | | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | • | | |





| Test Step 2.10 (Repeat Count = 1) | | | V |
|---|--------------|---------------------------|--------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -700.609985 | | |
| CwEOT_HwDeg_T_f32 | 400.354004 | | |
| EOTActuatorMng_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 | | |
| VehicleSpeed_Kph_T_f32 | 350.100006 | | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 81.0899963 | | |
| 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] | 64 | | |
| 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 | | |
| 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_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 114 | | |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 804 | | |
| t_EOTDmpVspd_Kph_u9p7[0] | 1280 | | |
| t_EOTDmpVspd_Kph_u9p7[1] | 2816 | | |
| t_EOTDmpVspd_Kph_u9p7[2] | 3840 | | |
| t_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 | ~ |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 |

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| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| 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 | | |
| CcwEOT_HwDeg_T_f32 | -500.410004 | | |
| CwEOT_HwDeg_T_f32 | 750.125977 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 1.7999995 | | |
| 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_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] | 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 | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 2.00221992 | 2.00221992 ± 0.0000390625 | |
| SES CalcEOTDamp() | 2.00221992 | 2.00221992 | |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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() | 2.2223997 | 2.2223997 | ~ |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

| Test Step 2.14 (Repeat Count = 1) | | · · |
|---|-------------|-----|
| 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_EOTPosDepDmpTbIX_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 | |

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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| Test Step 2.15 (Beneat Count = 1) | | | · |
|---|--------------|---------------------------|------------|
| Test Step 2.15 (Repeat Count = 1) Name | Input Value | | _ |
| CcwEOT HwDeg T f32 | -200.25 | | |
| CwEOT HwDeg T f32 | 350.240997 | | |
| EOTActuatorMng Damping MtrNm M f32 | 2.400001 | | |
| EOTActuatorMng SESState Uls M enum | SES ENTERING | | |
| HandWheelPos HwDeg T f32 | -300.100006 | | |
| MotorVel MtrRadpS T f32 | 744.851013 | | |
| VehicleSpeed Kph T f32 | 70.4779968 | | |
| | 131.139999 | | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 213 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | - | | |
| 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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] | 304 | | |
| t2_EOTPosDepDmpTbIX_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 | | |
| 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 | , 100 u.i. |
| SES CalcEOTDamp() | 2.66228008 | 2.66228008 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 128 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 320 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 928 | | |
| 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 | | |
| 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 | • |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | |
| CcwEOT_HwDeg_T_f32 | -150.009995 | |
| CwEOT_HwDeg_T_f32 | 350.324005 | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 2.79999995 | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING | |
| HandWheelPos_HwDeg_T_f32 | -1300.30103 | |
| MotorVel_MtrRadpS_T_f32 | 1118 | |
| VehicleSpeed_Kph_T_f32 | 270.653992 | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 151.160004 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 243 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 345 | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 319 | |
| t2_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] | 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 | |

SES_CalcEOTDamp



| 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 | • |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| T (0) 040(D (0) (1) | | | |
|---|---------------------------|---------------------------|-------|
| Test Step 2.18 (Repeat Count = 1) Name | Input Value | | * |
| | -250.029999 | | |
| CcwEOT_HwDeg_T_f32 | -250.029999 450.023987 | | |
| CWEOT_HwDeg_T_f32 | 3 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | - | | |
| 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_EOTExPosDepDmpTblY_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_EOTPosDepDmpTblX_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 | Resul |
| EOTActuatorMng Damping MtrNm M f32 | 2.67765999 | 2.67765999 ± 0.0000390625 | 11000 |
| SES CalcEOTDamp() | 2.67765999 | 2.67765999 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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_EOTExPosDepDmpTblY_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 | ~ |

| Test Step Call Trace | | | | 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 | |
| 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 | |

SES_CalcEOTDamp



| Name | Input Value | | |
|---|--------------|---------------------------|--------|
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1056 | | |
| | 111 | | |
| t2_EOTPosDepDmpTbIX_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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| Name CcwEOT_HwDeg_T_f32 CwEOT HwDeg T f32 | Input Value | | |
|--|--------------|---|-------|
| | -550.450012 | | |
| | 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][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 EOTPosDepDmpTbIX 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 EOTPosDepDmpTbIX HwDeg u12p4[2][0] | 944 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1328 | | |
| t2 EOTPosDepDmpTbIX 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 EOTPosDepDmpTbIY MtrNmpRadpS u0p16[2][0] | 349 | | |
| t2 EOTPosDepDmpTbIY 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 | Pesul |
| | 3.21759987 | 3.21760011 ± 0.0000390625 | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 SES_CalcEOTDamp() | 3.21759987 | 3.21760011 ± 0.0000390625 3.21760011 | |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | • |



| Test Step 2.22 (Repeat Count = 1) | Innut Value | | |
|---|--------------|---------------------------|-------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -550.450012 | | |
| CwEOT_HwDeg_T_f32 | 750.450012 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.599999 | | |
| 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 | Resul |
| EOTActuatorMng Damping MtrNm M f32 | 3.21759987 | 3.21760011 ± 0.0000390625 | |
| SES CalcEOTDamp() | 3.21759987 | 3.21760011 | |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | 3.7999995 |
| 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_EOTPosDepDmpTbIX_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 |

SES_CalcEOTDamp



| Name | Input Value | | |
|---|--------------|---------------------------|----------|
| 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 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.39757991 | 3.39757991 ± 0.0000390625 | ~ |
| SES CalcEOTDamp() | 3.39757991 | 3.39757991 | ✓ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | | |
| CcwEOT_HwDeg_T_f32 | -650.409973 | | |
| CwEOT_HwDeg_T_f32 | 850.452026 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.7999995 | | |
| 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 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 4.20242023 | 4.20242023 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | 4.20242023 | 4.20242023 | ~ |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | • |

| Test Step Call Trace | | | | 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 |
| 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 |

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] | 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 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.75753975 | 3.75753999 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | 3.75753975 | 3.75753999 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | | |
| CcwEOT_HwDeg_T_f32 | -333.149994 | | |
| CwEOT HwDeg T f32 | 345.450989 | | |
| EOTActuatorMng Damping MtrNm M f32 | 4.400001 | | |
| 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 | | |
| | 425 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 603 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 425 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 603 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 380 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | | | |
| 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 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.93752003 | 3.93752003 ± 0.0000390625 | |
| SES_CalcEOTDamp() | 3.93752003 | 3.93752003 | ~ |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |



| Test Step 2.28 (Repeat Count = 1) | | | ✓ |
|---|--------------|---------------------------|----------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -1000.5 | | |
| CwEOT_HwDeg_T_f32 | 700.981995 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 4.5999999 | | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING | | |
| HandWheelPos_HwDeg_T_f32 | 700.070007 | | |
| MotorVel_MtrRadpS_T_f32 | 105.846001 | | |
| VehicleSpeed_Kph_T_f32 | 350.414001 | | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 241.25 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 365 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 517 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 440 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 624 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 440 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 624 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 395 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 560 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 80 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 208 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 224 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 4208 | | |
| 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] | 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][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 | ~ |
| SES_CalcEOTDamp() | 4.11749983 | 4.11749983 | ~ |

| Test Step Call Trace | | | | 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) | ✓ |
|---|-------------|
| 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 |

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| SES_CalcEOTDamp | 2010 00 23, 10:00:00 | Rai | zorcat |
|---|----------------------|---------------------------|--------|
| Name | Input Value | | |
| t2_EOTPosDepDmpTblX_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 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

| Test Step 2.30 (Repeat Count = 1) | Innert Males | | |
|--|--------------------------|---|-------|
| 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_EOTDinpvspd_Kph_u9p7[2] | 1280 | | |
| t_EOTDmpVspd_Kph_u9p7[3] | 2560 | | |
| Name | Actual Value | Expected Value | Besul |
| | | Expected Value | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 SES_CalcEOTDamp() | 4.47745991 4.47745991 | 4.47745991 ± 0.0000390625 4.47745991 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |





| Test Step 2.31 (Repeat Count = 1) | Innut Value | | |
|---|--------------|---------------------------|-------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -777.309998 | | |
| CwEOT_HwDeg_T_f32 | 789.851013 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 5.1999981 | | |
| 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_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] | 624 | | |
| t2_EOTPosDepDmpTbIX_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 | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 4.65743971 | 4.65744019 ± 0.0000390625 | - |
| SES CalcEOTDamp() | 4.65743971 | 4.65744019 | |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 704 | | |
| t2_EOTPosDepDmpTblX_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_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] | 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | ~ |
| SES_CalcEOTDamp() | 5.01739979 | 5.01739979 | ✓ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |





| Input Value |
|--|
| 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][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| EOTActuatorMng_Damping_MtrNm_M_f32 -20.5 EOTActuatorMng_SESState_Uls_M_enum SES_EXITING HandWheelPos_HwDeg_T_f32 -22.339996 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][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| 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][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| HandWheelPos_HwDeg_T_f32 |
| 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][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| VehicleSpeed_Kph_T_f32 333.333008 k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[0][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 0 |
| 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][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 12_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTbIY_MtrNmpRadps_u0p16[3][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[2][0] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 0 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 |
| The state of the s |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] 0 |
| |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] 144 |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] 304 |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 896 |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] 4304 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] 1120 |
| 12_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 |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 1 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 577 |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 818 |
| t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 425 |
| 12_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 ± 0.0000390625 ✓ |
| SES_CalcEOTDamp() -20.5 -20.5 ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | • |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| Test Step 2.36 (Repeat Count = 1) | | | V |
|---|--------------|---------------------------|--------|
| 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 | 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 | 3.20000005 | 3.20000005 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | 3.2000005 | 3.2000005 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| Test Step 2.38 (Repeat Count = 1) | | <u> </u> |
|---|-------------|----------|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| 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 | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.60000014 | 3.5999999 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | 3.60000014 | 3.5999999 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |



| Name | Test Step 2.40 (Repeat Count = 1) | | | ✓ |
|--|---|--------------|--------------------------|----------|
| CMEDT_HWDeg_T_132 | Name | Input Value | | |
| EOTAchatorking, Damping, MrNm, M_192 | CcwEOT_HwDeg_T_f32 | -643.47998 | | |
| EOTActuatorMing_SESState_Uis_M_enum | CwEOT_HwDeg_T_f32 | 654.747009 | | |
| HandWheelPos_HwDeg_T_TS2 | EOTActuatorMng_Damping_MtrNm_M_f32 | 4.4000001 | | |
| MotonVel_MtrRadpS_T_82 564.989971 111.222 | EOTActuatorMng_SESState_Uls_M_enum | SES_EXITING | | |
| VehicleSpeed_Kph_T_132 | HandWheelPos_HwDeg_T_f32 | -111.650002 | | |
| K_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | MotorVel_MtrRadpS_T_f32 | 564.969971 | | |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] 0 2 2 2 2 2 2 2 2 | VehicleSpeed_Kph_T_f32 | 111.222 | | |
| 2_EOTEXPosDepDmpTbIY_MthmmpRadps_u0p16[0][1] 262 2_EOTEXPosDepDmpTbIY_MthmmpRadps_u0p16[1][0] 0 0 2_EOTEXPosDepDmmpTbIY_MthmmpRadps_u0p16[2][0] 0 0 0 0 0 0 0 0 0 | k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 | 400.001007 | | |
| 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 0 0 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 262 2_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 262 2_EOTEXPosDepDmpTbIX_MtrDeg_u12p4[0][0] 352 2_EOTEXPosDepDmpTbIX_MtrDeg_u12p4[1][0] 800 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[1][0] 312 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[2][0] 312 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[2][0] 312 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[2][0] 352 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[2][0] 3472 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[3][0] 352 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[3][0] 3472 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[3][0] 3472 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[3][0] 3472 2_EOTEXPOSDepDmpTbIX_MtrDeg_u12p4[3][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[6][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[6][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[6][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[6][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 2_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 32 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[3][0] 3_EOTEXPOSDepDmpTbIX_MtrDeg_u01p4[| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 0 | | |
| 2 EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[1][1] 262 2 2 2 2 2 2 2 2 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 262 | | |
| 2_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[2 [1] 262 22_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3 [1] 262 22_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3 [1] 262 22_EOTEXPOSDepDmpTbIY_MtrNmpRadps_u0p16[3 [1] 262 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 352 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 2672 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 2672 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 336 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 336 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 336 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 336 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 336 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 3472 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 3472 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 3472 22_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u12p4[0][0] 32_EOTEXPOSDepDmpTbIX_HwDeg_u0p16[0][0] 32_EOTEXPOSDepDmpTbIX_HwTMpRadpS_u0p16[0][0] 32_EOTEXPOSDepD | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 0 | | |
| 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] 262 2_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 0 0 0 0 0 0 0 0 0 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 262 | | |
| 12_EOTEXPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] 262 252 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | 0 | | |
| Z_EOTEXPosDepDmpTbIY_MtrNmpRadps_u0p16[3][1] 262 2507PosDepDmpTbIX_HwDeg_u12p4[0][0] 352 2507PosDepDmpTbIX_HwDeg_u12p4[0][1] 2672 2507PosDepDmpTbIX_HwDeg_u12p4[1][0] 800 2507PosDepDmpTbIX_HwDeg_u12p4[1][1] 4336 2507PosDepDmpTbIX_HwDeg_u12p4[2][0] 1312 2507PosDepDmpTbIX_HwDeg_u12p4[2][0] 1312 2507PosDepDmpTbIX_HwDeg_u12p4[2][0] 352 2507PosDepDmpTbIX_HwDeg_u12p4[3][0] 352 2507PosDepDmpTbIX_HwDeg_u12p4[3][0] 3472 2507PosDepDmpTbIX_HwDeg_u12p4[3][1] 3472 2507PosDepDmpTbIX_HwDeg_u12p4[3][1] 3472 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 80 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 32 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[0][0] 32 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[1][0] 44 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 607 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 607 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 607 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[2][0] 607 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 455 2507PosDepDmpTbIY_MtrNmpRadps_u0p16[3][0] 606 607 60 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][1] | 262 | | |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 352 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 26772 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 800 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 4336 1312 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1312 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 352 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 752 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 352 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 3472 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 80 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 80 12_EOTPosDepDmpTbIX_HwDeg_u01p4[0][0] 80 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 32 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 32 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 44 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 861 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 861 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 646 12_EOTDmpVspd_Kph_u9p7[0] 0 12_EOTDmpVspd_Kph_u9p7[0] 1280 1 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][0] | 0 | | |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 2672 2672 2674 2 | t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[3][1] | 262 | | |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] 800 | t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 352 | | |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 2672 | | |
| 1312 1 | t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 800 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] 752 t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 352 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_EOTDmpDspDMpTblY_MtrNmpRadpS_u0p16[3][0] 455 t2_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 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 4336 | | |
| 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] 352 12_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] 3472 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 80 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 114 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 32 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.5999999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 1312 | | |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[3][1] 3472 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][0] 80 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[0][1] 114 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][0] 32 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[1][1] 44 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTbIY_MtrNmpRadpS_u0p16[3][1] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.5999999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 752 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] 80 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 114 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 32 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 44 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[0] 1280 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name | t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 352 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] 114 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 32 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 44 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 3472 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] 32 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 44 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][0] | 80 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[0][1] | 114 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 607 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][0] | 32 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 861 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] 455 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] 646 1_EOTDmpVspd_Kph_u9p7[0] 0 1_EOTDmpVspd_Kph_u9p7[1] 768 1_EOTDmpVspd_Kph_u9p7[2] 1280 1_EOTDmpVspd_Kph_u9p7[3] 2560 Name | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] | 44 | | |
| 12_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] | 607 | | |
| t2_EOTPosDepDmpTbIY_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 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] | 861 | | |
| 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 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][0] | 455 | | |
| 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 3.599999 ± 0.0000390625 ✓ | t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[3][1] | 646 | | |
| 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 3.599999 ± 0.0000390625 ✓ | t_EOTDmpVspd_Kph_u9p7[0] | 0 | | |
| t_EOTDmpVspd_Kph_u9p7[3] 2560 Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.599999 ± 0.0000390625 ✓ | t_EOTDmpVspd_Kph_u9p7[1] | 768 | | |
| Name Actual Value Expected Value Result EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.599999 ± 0.0000390625 ✓ | t_EOTDmpVspd_Kph_u9p7[2] | 1280 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 3.599998 3.5999999 ± 0.0000390625 ✓ | t_EOTDmpVspd_Kph_u9p7[3] | 2560 | | |
| 02 1 02 2 2 | Name | Actual Value | Expected Value | Result |
| SES_CalcEOTDamp() 3.599998 3.599998 ✓ | EOTActuatorMng_Damping_MtrNm_M_f32 | 3.599998 | 3.5999999 ± 0.0000390625 | ~ |
| | SES_CalcEOTDamp() | 3.599998 | 3.599998 | ✓ |

| Test Step Call Trace | | | | 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

SES_CalcEOTDamp()

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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] t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[1][1] 1 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][0] 577 t2_EOTPosDepDmpTblY_MtrNmpRadpS_u0p16[2][1] 818 t2_EOTPosDepDmpTbIY_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 Actual Value **Expected Value** Result Name EOTActuatorMng_Damping_MtrNm_M_f32 -20.5 -20.5 ± 0.0000390625

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

-20.5

-20.5

| Test Step 2.42 (Repeat Count = 1) | | | V |
|---|--------------|---------------------------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | V |
|---------------------------------|-------|---------------------------------|-------|--------|
| 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 |

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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

| Test Step 2.45 (Repeat Count = 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 | | |
| | 600 | | |
| k_EOTPosDepDempFinalSlew_MtrNmpS_T_f32 t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][0] | 0 | | |
| | 262 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[0][1] | 0 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][0] | 262 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[1][1] | 0 | | |
| t2_EOTExPosDepDmpTblY_MtrNmpRadps_u0p16[2][0] | T T | | |
| 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 | 3.20000005 | 3.20000005 ± 0.0000390625 | ~ |
| SES CalcEOTDamp() | 3.2000005 | 3.2000005 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |



| Test Step 2.46 (Repeat Count = 1) | | | ✓ |
|---|--------------|----------------------|----------|
| Name | Input Value | | |
| CcwEOT HwDeg T f32 | -1440.10999 | | |
| CwEOT_HwDeg_T_f32 | 0 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -20.5 | | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_DISABLED | | |
| HandWheelPos HwDeg T f32 | -1440.10999 | | |
| MotorVel_MtrRadpS_T_f32 | -1118 | | |
| VehicleSpeed_Kph_T_f32 | 0 | | |
| 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] | 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] | 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] | 0 | | |
| t_EOTDmpVspd_Kph_u9p7[2] | 0 | | |
| t_EOTDmpVspd_Kph_u9p7[3] | 0 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -20.5 | -20.5 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | -20.5 | -20.5 | • |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| *none* | 0 | *** No Call Expected *** | 0 | ~ | |

| Test Step 2.47 (Repeat Count = 1) | | <u> </u> |
|---|-------------|----------|
| Name | Input Value | |
| CcwEOT_HwDeg_T_f32 | 0 | |
| CwEOT_HwDeg_T_f32 | 1440.10999 | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 20.5 | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_EXITING | |
| HandWheelPos_HwDeg_T_f32 | 1440.10999 | |
| MotorVel_MtrRadpS_T_f32 | 1118 | |
| VehicleSpeed_Kph_T_f32 | 511.992188 | |
| 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] | 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 | |

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| 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 | ✓ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|------|----|
| Actual Function | Count | Expected Function | Count | Resu | lt |
| 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 and (SESState_Uls_M_enum = SES_EXITING)=False" TS3.2"(SESState_Uls_M_enum = SES_DISABLED)=False and (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_DISABLED)=True TS3.5"(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 |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -8.80000019 |
| 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_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_EOTExPosDepDmpTbIY_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 |

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 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -8.80000019 | -8.80000019 ± 0.0000390625 | ~ |
| SES_CalcEOTDamp() | -8.80000019 | -8.80000019 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |

| Test Step 3.2 (Repeat Count = 1) | | | ✓ |
|---|--------------|--------------------------|----------|
| Name | Input Value | | |
| CcwEOT HwDeg T f32 | -122 | | |
| CwEOT HwDeg T f32 | 1440 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 8.80000019 | | |
| EOTActuatorMng SESState Uls M enum | SES ENTERING | | |
| HandWheelPos_HwDeg_T_f32 | 400 | | |
| MotorVel MtrRadpS T f32 | -705 | | |
| VehicleSpeed Kph T f32 | 222 | | |
| 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_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 Value | Result |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 6.4000001 | 6.4000001 ± 0.0000390625 | · |
| SES_CalcEOTDamp() | 6.4000001 | 6.4000001 | ~ |

| Test Step Call Trace | | | | | |
|---------------------------------|-------|---------------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ | |



| 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 Expec | ted Value Resu |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.2000005 3.20000 | 0005 ± 0.0000390625 |
| SES_CalcEOTDamp() | 3.2000005 3.20000 | 0005 |

| Test Step Call Trace | | | ✓ | |
|----------------------|-------|--------------------------|----------|--------|
| 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 | |

SES_CalcEOTDamp

SES_CalcEOTDamp()

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| r | | | | |
|---|--------------|----------------------------|--------|--|
| Name | Input Value | | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 720 | 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 | 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 | 65535 | | |
| t_EOTDmpVspd_Kph_u9p7[3] | 65535 | | | |
| Name | Actual Value | Expected Value | Result | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | -8.80000019 | -8.80000019 ± 0.0000390625 | ~ | |
| | | | | |

| Test Step Call Trace | | | ✓ | |
|---------------------------------|-------|---------------------------------|----------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

-8.80000019

-8.80000019

| 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_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 Value | Resul |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 6.4000001 | 6.4000001 ± 0.0000390625 | • |
| SES CalcEOTDamp() | 6.400001 | 6.4000001 | |

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SES_CalcEOTDamp

| Test Step Call Trace | | | | ✓ |
|---------------------------------|-------|---------------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

| Test Step 3.6 (Repeat Count = 1) | Innut Value | | |
|---|--------------|---------------------------|-------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -650.409973 | | |
| CwEOT_HwDeg_T_f32 | 850.452026 | | |
| EOTActuatorMng_Damping_MtrNm_M_f32 | 3.7999995 | | |
| 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 | 1200 | | |
| 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 EOTPosDepDmpTbIY 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 | 5.57545996 | 5.57545948 ± 0.0000390625 | TOSUI |
| SES_CalcEOTDamp() | 5.57545996 | 5.57545948 | |

| Test Step Call Trace | | | ✓ | |
|---------------------------------|-------|---------------------------------|----------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | BilinearXMYM_u16_u16XMu16YM_Cnt | 1 | ~ |

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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)\\up\\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\up\\contract -I\$(Compiler Install Path)\\undersigned |
| 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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |

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| 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 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) | | | V |
|----------------------------------|--------------|----------------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

| 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 | ~ |

| Test Step Call Trace | | | | V | |
|----------------------|-----------------|-------|--------------------------|-------|--------|
| | Actual Function | Count | Expected Function | Count | Result |
| , | 'none* | 0 | *** No Call Expected *** | 0 | ~ |

Test Case 2: Boundary Test

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

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 | ✓ |



EOTDetermination

| Test Step Call Trace | | | | | • |
|----------------------|-------|--------------------------|-------|-------|---|
| Actual Function | Count | Expected Function | Count | Resul | 1 |
| *none* | 0 | *** No Call Expected *** | 0 | • | ř |

| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| *none* | 0 | *** No Call Expected *** | 0 | ~ | |

| Test Step 2.6 (Repeat Count = 1) | ✓ |
|----------------------------------|-------------|
| Name | Input Value |
| CcwFound_Cnt_T_lgc | 0 |
| CwFound_Cnt_T_lgc | 0 |

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EOTDetermination

| Name | Input Value | | |
|-----------------------------|--------------|----------------|--------|
| k_SoftStopEOTEnable_Cnt_lgc | 1 | | |
| Name | Actual Value | Expected Value | Result |
| EOTDetermination() | 0 | 0 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| 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 |

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EOTDetermination

| Name | Input Value | | |
|-----------------------------|--------------|----------------|--------|
| CwFound_Cnt_T_lgc | 0 | | |
| k_SoftStopEOTEnable_Cnt_lgc | 0 | | |
| Name | Actual Value | Expected Value | Result |
| EOTDetermination() | 0 | 0 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

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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' | /*** 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 | <pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre> |
| Linker File | <pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre> |
| Makefile Template | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl |
| Target Install Path | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre> |
| Time Unit | Cycles |

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SES_DetLmtPos



| Attributes | | | |
|---|--|--|--|
| Name | Value | | |
| Timer Enabled | false | | |
| Timer Prescale | 0 | | |
| Timer Resolution | | | |
| UDE Config File | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | | ✓ |
|----------------------|-----------------|-------|--------------------------|-------|----------|
| | Actual Function | Count | Expected Function | Count | Result |
| | *none* | 0 | *** No Call Expected *** | 0 | ~ |



TS2.1CwEOT1_HwDeg_T_f32 min
TS2.2CwEOT1_HwDeg_T_f32 max
TS2.3CwEOT1_HwDeg_T_f32 max
TS2.3CwEOT1_HwDeg_T_f32 min
TS2.5CcwEOT1_HwDeg_T_f32 min
TS2.5CcwEOT1_HwDeg_T_f32 min
TS2.6CcwEOT1_HwDeg_T_f32 mid
TS2.7HandWheelPos1_HwDeg_T_f32 min
TS2.8HandWheelPos1_HwDeg_T_f32 max
TS2.9HandWheelPos1_HwDeg_T_f32 max
TS2.9HandWheelPos1_HwDeg_T_f32 peg
TS2.10HandWheelPos1_HwDeg_T_f32 peg
TS2.11HandWheelPos1_HwDeg_T_f32 pos
TS2.12k_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 mid/default
TS2.18kAll 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | |

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| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ✓ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 |

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

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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_MinRackTrvI_HwDeg_u12p4 | 6192 | | |
| Name | Actual Value | Expected Value | Result |
| SES_DetLmtPos() | -600.125427 | -600.125427 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

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| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ | |
|----------------------|-----------------|-------|--------------------------|----------|--------|
| 4 | 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| 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_MinRackTrvl_HwDeg_u12p4 | 0 | | |
| Name | Actual Value | Expected Value | Result |
| SES_DetLmtPos() | 444.756012 | 444.756012 | ~ |

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| Test Step Call Trace | | | | 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 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| 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 | * |

| Test Step Call Trace | | | | V | |
|------------------------|--|-------|--------------------------|-------|--------|
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| 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 | ~ |





| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| 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) Specification 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 CCCWEOT_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 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_f32 < D_ZERO_ULS_F32)=FALSE ((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

| Test Step 3.1 (Repeat Count = 1) | | | V |
|----------------------------------|--------------|----------------|--------|
| 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 | ~ |

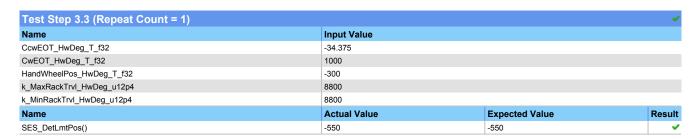
((CwEOT_HwDeg_T_u12p4 < k_MinRackTrvl_HwDeg_u12p4)) Or (CwEOT_HwDeg_T_u12p4 > k_MaxRackTrvl_HwDeg_u12p4))=TRUE"

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|----------|
| 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 | - |

| Test Step Call Trace | | | ✓ | |
|----------------------|-------|--------------------------|----------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |





| Test Step Call Trace | | | | ✓ | |
|----------------------|-----------------|-------|--------------------------|----------|--------|
| | 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 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

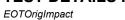
| Test Step 3.5 (Repeat Count = 1) | | | ✓ |
|----------------------------------|--------------|----------------|----------|
| Name | Input Value | | |
| CcwEOT_HwDeg_T_f32 | -300 | | |
| CwEOT_HwDeg_T_f32 | 550 | | |
| HandWheelPos_HwDeg_T_f32 | 500 | | |
| k_MaxRackTrvl_HwDeg_u12p4 | 8800 | | |
| k_MinRackTrvl_HwDeg_u12p4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

| Test Step Call Trace | | | ~ | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | * |

| Test Step Call Trace | | | ✓ | |
|----------------------|-------|--------------------------|----------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

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| 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 | |

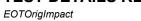
Module Properties

| 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)\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 |
|--------------------------|--|
| /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 | <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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |

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| 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

TS1.1 136 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"

| 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 | ✓ |

| Test Step Call Trace | | | | ✓ | ı | |
|----------------------|-----------------------------|-------|-----------------------------|----------|--------|---|
| | Actual Function | Count | Expected Function | Count | Result | l |
| | 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_SpdIptScale_MtrNmpRadpS_u4p12 | 80 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 1600 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1952 | | |
| t_SpdIptTbIYTbI_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 | • |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | |

EOTOrigImpact

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Test Case 2: Boundary test

Specification

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

TS2.1 136 cycles
TS2.2 136 cycles
TS2.3 136 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
TS2.9 161 cycles
TS2.10 150 cycles
TS2.11 143 cycles
TS2.11 143 cycles
TS2.12 143 cycles
TS2.13 143 cycles
TS2.15 181 cycles
TS2.15 181 cycles
TS2.16 175 cycles
TS2.17 176 cycles
TS2.18 176 cycles
TS2.19 148 cycles
TS2.19 148 cycles
TS2.20 174 cycles
TS2.21 165 cycles
TS2.21 165 cycles
TS2.22 160 cycles
TS2.23 164 cycles
TS2.24 136 cycles
TS2.25 153 cycles
TS2.26 136 cycles
TS2.27 153 cycles
TS2.28 136 cycles
TS2.29 153 cycles
TS2.31 154 cycles
TS2.33 164 cycles
TS2.34 136 cycles
TS2.35 164 cycles
TS2.37 164 cycles
TS2.38 147 cycles
TS2.38 147 cycles
TS2.39 153 cycles
TS2.41 181 cycles
TS2.41 181 cycles
TS2.43 193 cycles
TS2.44 143 cycles
TS2.44 143 cycles
TS2.44 143 cycles
TS2.45 163 cycles
```

Description

Vector Description

```
TS2.1CwEOT_HwDeg_T_f32 min
TS2.2CwEOT_HwDeg_T_f32 max
TS2.3CwEOT_HwDeg_T_f32 min
TS2.5CcwEOT_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 min
TS2.8HandWheelAuth_Uls_T_f32 min
TS2.9HandWheelAuth_Uls_T_f32 min
TS2.10MotorVel_MtrRadpS_T_f32 min
TS2.11MotorVel_MtrRadpS_T_f32 min
TS2.11MotorVel_MtrRadpS_T_f32 max
TS2.12MotorVel_MtrRadpS_T_f32 max
TS2.13MotorVel_MtrRadpS_T_f32 neg
TS2.13MotorVel_MtrRadpS_T_f32 pos
TS2.14MotorVel_MtrRadpS_T_f32 pos
TS2.14MotorVel_MtrRadpS_T_f32 pos
TS2.14MotorVel_MtrRadpS_T_f32 pos
TS2.19HandWheelPos_HwDeg_T_f32 min
TS2.16HandWheelPos_HwDeg_T_f32 min
TS2.16HandWheelPos_HwDeg_T_f32 pos
TS2.18HandWheelPos_HwDeg_T_f32 pos
TS2.19HandWheelPos_HwDeg_T_f32 pos
TS2.20VehicleSpeed3_Kph_T_f32 min
TS2.21VehicleSpeed3_Kph_T_f32 min
TS2.22VehicleSpeed3_Kph_T_f32 max
TS2.22VehicleSpeed3_Kph_T_f32 min
TS2.23EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_M_f32 max
TS2.25EOTImpactPos_HwDeg_u12p4 min
TS2.27k_EOTDefitPosition_HwDeg_u12p4 min
TS2.27k_EOTDefitPosition_HwDeg_u12p4 min
TS2.30t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.30t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.30t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.33t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.33t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.33t_SpdlptTblXTbl_HwDeg_u12p4[2] min
TS2.33t_SpdlptTblYTbl_MtrRadpS_u12p4[2] min
TS2.33t_SpdlptTblYTbl_MtrRadpS_u12p4[2] min
TS2.33t_SpdlptTblYTbl_MtrRadpS_u12p4[2] min
TS2.33t_SpdlptTblYTbl_MtrRadpS_u12p4[2] min
TS2.34k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.35k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.36k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.36k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.36k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.36k_SpdlptScale_MtrNmpRadpS_u4p12 min
TS2.39k_EOTImpSpdEn_Kph_u9p7 min
TS2.39k_EOTImpSpdEn_Kph_u9p7 min
TS2.42k_PosRampStep_HwDeg_u12p4 min
TS2.44All min
TS2.44All min
```

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| 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_SpdIptScale_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 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ | |
|-----------------------------|-------|-----------------------------|-------|----------|---|
| Actual Function | Count | Expected Function | Count | Result | ı |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | Ī |

| 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_SpdlptScale_MtrNmpRadpS_u4p12 | 16 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 192 | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 208 | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 352 | |

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| 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 | • |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | -0.100000001 | | |
| 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_SpdIptTblYTbl_MtrRadpS_u12p4[0] | 368 | | |
| t_SpdIptTblYTbl_MtrRadpS_u12p4[1] | 544 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 650.453979 | 650.453979 | ~ |
| EOTOrigImpact() | 0.134179682 | 0.134179682 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | 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_SpdIptTbIXTbl_HwDeg_u12p4[0] | 224 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 256 | | |
| t_SpdIptTbIYTbI_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 | • |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 |

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| 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 | -0.20000003 | | |
| 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_SpdIptTblXTbl_HwDeg_u12p4[0] | 240 | | |
| t_SpdIptTblXTbl_HwDeg_u12p4[1] | 288 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 400 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 608 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 700 | 700 | ~ |
| EOTOrigImpact() | 0.236132801 | 0.236132815 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdIptTbIYTbI_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 | ✓ |

| Test Step Call Trace | | | | | V |
|----------------------|-----------------------------|-------|-----------------------------|-------|--------|
| | 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_SpdlptScale_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 | ✓ |





| Test Step Call Trace | | | | 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 | | |
| 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 | -0.300000012 | | |
| 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_SpdIptTblYTbl_MtrRadpS_u12p4[1] | 704 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 222 | 222 | ✓ |
| EOTOrigImpact() | 0.672143579 | 0.672143579 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | | |
| CcwEOT_HwDeg_T_f32 | -700.122986 | | |
| 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_SpdIptScale_MtrNmpRadpS_u4p12 | 70 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[0] | 304 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 416 | | |
| t_SpdIptTbIYTbl_MtrRadpS_u12p4[0] | 464 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 736 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 300.125 | 300.125 | • |
| EOTOrigImpact() | 0 | 0 | • |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntnlVarXY u16 u16Xu16Y Cnt | 1 | IntolVarXY 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 | |

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| Name | Input Value | | |
|---|--------------|----------------|--------|
| k_EOTDefltPosition_HwDeg_u12p4 | 7104 | | |
| k_EOTImpSpdEn_Kph_u9p7 | 19584 | | |
| k_PosRampStep_HwDeg_u12p4 | 12256 | | |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 78 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 320 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 448 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[0] | 480 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 768 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 444 | 444 | ~ |
| EOTOrigImpact() | 0 | 0 | ✓ |

| Test Step Call Trace | | | | 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 | | |
| 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_SpdIptTbIXTbl_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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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_SpdIptScale_MtrNmpRadpS_u4p12 | 102 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 368 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 544 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 528 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 864 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 100.466003 | 100.466003 | ~ |
| EOTOrigImpact() | 0 | 0 | • |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | | |
| 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 | ~ |

| Test Step Call Trace | | | | 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 | |
| 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 | -0.400000006 | |
| 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 | |

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| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 992 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 400.100006 | 400.100006 | ~ |
| EOTOrigImpact() | 1.99370122 | 1.99370122 | ~ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_SpdlptScale_MtrNmpRadpS_u4p12 | 148 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 464 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 736 | | |
| t_SpdlptTblYTbl_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 | ✓ |

| Test Step Call Trace | | | | | ✓ | |
|----------------------|-----------------------------|-------|-----------------------------|-------|----------|---|
| | Actual Function | Count | Expected Function | Count | Result | ı |
| | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | Ī |

| 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 | 0.80000012 | |
| VehicleSpeed_Kph_T_f32 | 511.992188 | |
| k_EOTDefltPosition_HwDeg_u12p4 | 9072 | |
| k_EOTImpSpdEn_Kph_u9p7 | 256 | |
| k_PosRampStep_HwDeg_u12p4 | 10464 | |
| k_SpdIptScale_MtrNmpRadpS_u4p12 | 156 | |
| t_SpdIptTbIXTbl_HwDeg_u12p4[0] | 480 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 768 | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 640 | |

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| Name | Input Value | | |
|---|--------------|----------------|--------|
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 1088 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 567 | 567 | ~ |
| EOTOrigImpact() | 8.80000019 | 8.80000019 | ~ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_SpdIptScale_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 | ✓ |

| Test Step Call Trace | | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function | Count | Expected Function | Count | Result | | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | | |

| Test Step 2.23 (Repeat Count = 1) | 1 (3/1 | | |
|---|--------------|----------------|-------|
| 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_SpdIptScale_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 | Resul |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 789 | 789 | • |
| EOTOrigImpact() | 3.02339554 | 3.02339554 | |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 |

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| EOTOrigImpact | 1010 00 10, 10.00.10 10000 | | Razorcat |
|---|----------------------------|----------------|----------|
| 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 | ✓ |
| EOTOrigImpact() | 1.87906301 | 1.87906301 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdlptScale_MtrNmpRadpS_u4p12 | 187 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[0] | 544 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 896 | | |
| t_SpdIptTbIYTbI_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 | ✓ |

| Test Step Call Trace | | | | | V |
|----------------------|-----------------------------|-------|-----------------------------|-------|--------|
| | 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_SpdIptTbIXTbl_HwDeg_u12p4[0] | 560 | | |
| t_SpdIptTbIXTbl_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 | ~ |





| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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 | | |
| 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_SpdIptTbIXTbl_HwDeg_u12p4[1] | 960 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 736 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 1280 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 819 | 819 | ~ |
| EOTOrigImpact() | 2.25500488 | 2.25500488 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | |

| Test Step 2.28 (Repeat Count = 1) | | | V |
|---|--------------|----------------|--------|
| 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 | 0.64999976 | | |
| HandWheelPos_HwDeg_T_f32 | 222.783997 | | |
| MotorVel_MtrRadpS_T_f32 | 0.10000001 | | |
| 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_SpdIptTbIXTbI_HwDeg_u12p4[0] | 592 | | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 992 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 752 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 1312 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 100 | 100 | • |
| EOTOrigImpact() | 2.41599131 | 2.41599131 | • |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntnlVarXY u16 u16Xu16Y Cnt | 1 | IntolVarXY 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 |

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| 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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|------|------|---|
| Actual Function | Count | Expected Function | Coun | Resu | t |
| 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_SpdIptTbIXTbl_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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdIptTblYTbl_MtrRadpS_u12p4[1] | 0 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 555 | 555 | ~ |
| EOTOrigImpact() | 0 | 0 | ~ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdIptTbIXTbl_HwDeg_u12p4[1] | 1056 | | |
| t_SpdIptTbIYTbI_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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdlptScale_MtrNmpRadpS_u4p12 | 257 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[0] | 640 | |

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| Name | Input Value | | |
|---|--------------|----------------|--------|
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1088 | | |
| t_SpdIptTbIYTbl_MtrRadpS_u12p4[0] | 240 | | |
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 960 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 755 | 755 | ~ |
| EOTOrigImpact() | 0.922338843 | 0.922338843 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | ✓ |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_SpdIptScale_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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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 | 0.43000007 | | |
| HandWheelPos_HwDeg_T_f32 | 633.653992 | | |
| MotorVel_MtrRadpS_T_f32 | 0.600000024 | | |
| 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 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdlptTblXTbl_HwDeg_u12p4[0] | 720 | |
| t_SpdlptTblXTbl_HwDeg_u12p4[1] | 1248 | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 224 | |

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| Name | Input Value | | |
|---|--------------|----------------|--------|
| t_SpdlptTblYTbl_MtrRadpS_u12p4[1] | 256 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 565 | 565 | ~ |
| EOTOrigImpact() | 0.0392578095 | 0.0392578132 | ~ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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_SpdIptTbIXTbI_HwDeg_u12p4[0] | 736 | | |
| t_SpdIptTbIXTbl_HwDeg_u12p4[1] | 1280 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 240 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 288 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 477 | 477 | ~ |
| EOTOrigImpact() | 0.0837890655 | 0.0837890655 | ~ |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |

| Name | Innut Value | | |
|---|--------------|---------------------------|--------|
| 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 | 0.100000001 | | |
| 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_SpdlptTblYTbl_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 | • |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_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 | |

EOTOrigImpact

t_SpdlptTblYTbl_MtrRadpS_u12p4[1]

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Input Value EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 200.057999 HandWheelAuth_Uls_T_f32 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 13104 k_PosRampStep_HwDeg_u12p4 k_SpdlptScale_MtrNmpRadpS_u4p12 t_SpdlptTblXTbl_HwDeg_u12p4[0] 768 t_SpdlptTblXTbl_HwDeg_u12p4[1] 1344 t_SpdIptTblYTbl_MtrRadpS_u12p4[0] 272

| Name | Actual Value | Expected Value | Result |
|---|--------------|----------------|--------|
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 1019.05798 | 1019.05798 | ~ |
| EOTOrigImpact() | 0.228344724 | 0.228344724 | • |

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| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| 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_SpdIptTbIXTbI_HwDeg_u12p4[1] | 1376 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 288 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[1] | 384 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 1003.97998 | 1003.97998 | ~ |
| EOTOrigImpact() | 0.337011695 | 0.337011725 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | ✓ |

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| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 $TS3.1 (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) = TRUE\\ TS3.2" (VehicleSpeed3_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) = FALSE$ (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 (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 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

TS3.7t_SpdlptTblX_HwDeg_T_u12p4[0] = Abs_s16_m(CcwEOT_HwDeg_T_s11p4 + (sint16)t_SpdlptTblXTbl_HwDeg_u12p4[0])=>TRUE

(DeltaAstEOTLmt_MtrRadpS_T_f32 < D_ZERO_ULS_F32)=TRUE

| 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 | 0.100000001 | | |
| 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_SpdIptScale_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 | • |



| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | | |
| CcwEOT_HwDeg_T_f32 | -100 | | |
| CwEOT_HwDeg_T_f32 | 1440.10999 | | |
| EOTActuatorMng_EOTImpactPos_HwDeg_M_f32 | 250 | | |
| HandWheelAuth_Uls_T_f32 | 0.20000003 | | |
| HandWheelPos_HwDeg_T_f32 | 900 | | |
| MotorVel_MtrRadpS_T_f32 | 0.5 | | |
| VehicleSpeed_Kph_T_f32 | 0.10000001 | | |
| 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() | 0.283203125 | 0.283203125 ± 0.0078125 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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_SpdlptScale_MtrNmpRadpS_u4p12 | 80 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[0] | 400 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 800 | | |
| t_SpdIptTbIYTbI_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 | • |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | |

| Test Step 3.4 (Repeat Count = 1) | | V |
|---|-------------|---|
| 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 | |

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| Name | Input Value | | |
|---|--------------|--------------------|--------|
| k_EOTDefltPosition_HwDeg_u12p4 | 1600 | | |
| k_EOTImpSpdEn_Kph_u9p7 | 3840 | | |
| k_PosRampStep_HwDeg_u12p4 | 48 | | |
| k_SpdlptScale_MtrNmpRadpS_u4p12 | 80 | | |
| t_SpdIptTbIXTbl_HwDeg_u12p4[0] | 400 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 800 | | |
| t_SpdIptTbIYTbI_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 | ✓ |

| Test Step Call Trace | | | | 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_SpdIptTbIXTbI_HwDeg_u12p4[0] | 400 | | |
| t_SpdIptTbIXTbI_HwDeg_u12p4[1] | 800 | | |
| t_SpdIptTbIYTbI_MtrRadpS_u12p4[0] | 240 | | |
| t_SpdIptTbIYTbI_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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| 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 | 0.12999995 | | |
| 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 | ~ |

| Test Step Call Trace | | | ✓ | |
|-----------------------------|-------|-----------------------------|----------|--------|
| 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 | 0.20000003 | | |
| 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 ± 0.0000390625 | ~ |
| EOTOrigImpact() | 0.279687494 | 0.279687494 ± 0.0078125 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |

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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 | <pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre> | |
| Target Install Path | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre> | |
| Time Unit | Cycles | |
| Timer Enabled | false | |

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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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | |

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 TS2.11AII min TS2.11All min

| Test Step 2.1 (Repeat Count = 1) |
|----------------------------------|
|----------------------------------|

TS2.12All max

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

SES_CalcEOTGain

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| Name | Input Value | | |
|------------------------|--------------|----------------|--------|
| EOTEnterGain_Uls_T_f32 | 0 | | |
| EOTExitGain_Uls_T_f32 | 0.899999976 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 0 | 0 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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_UIs_T_f32 | 1 | | |
| EOTExitGain_Uls_T_f32 | 0.800000012 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 1 | 1 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | 0.100000001 | | |
| EOTExitGain_Uls_T_f32 | 0 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 0 | 0 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| *none* | 0 | *** No Call Expected *** | 0 | ~ | |



SES_CalcEOTGain

| Test Step 2.6 (Repeat Count = 1) | | | | |
|------------------------------------|--------------|----------------|--------|--|
| Name | Input Value | | | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_EXITING | | | |
| EOTEnterGain_Uls_T_f32 | 0.300000012 | | | |
| EOTExitGain_Uls_T_f32 | 0.300000012 | | | |
| Name | Actual Value | Expected Value | Result | |
| SES_CalcEOTGain() | 0.300000012 | 0.300000012 | ~ | |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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_Uls_T_f32 | 0.40000006 | | |
| EOTExitGain_Uls_T_f32 | 0.100000001 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 1 | 1 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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_Uls_T_f32 | 0.600000024 | | |
| EOTExitGain_Uls_T_f32 | 0.20000003 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 0.600000024 | 0.600000024 | ~ |

| Test Step Call Trace | | | | | |
|----------------------|-------|--------------------------|-------|--------|--|
| 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 | 0.200000003 | ~ |

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SES_CalcEOTGain

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | 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_UIs_T_f32 | 1 | | |
| EOTExitGain_Uls_T_f32 | 1 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 1 | 1 | ~ |

| Test Step Call Trace | | | | V |
|----------------------|-------|--------------------------|-------|--------|
| 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 7 cycles TS3.2 2 cycles TS3.3 5 cycles

Description Vector Description

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_Uls_T_f32 | 0.100000001 | | |
| EOTExitGain_Uls_T_f32 | 0.69999988 | | |
| Name | Actual Value | Expected Value | Result |
| SES_CalcEOTGain() | 0.100000001 | 0.100000001 | ~ |

| Test Step Call Trace | | | | ✓ |
|----------------------|-------|--------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| *none* | 0 | *** No Call Expected *** | 0 | ~ |

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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 | ~ | |

| Test Step Call Trace | | | | |
|----------------------|-------|--------------------------|-------|--------|
| 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 | ~ | |

| Test Step Call Trace | | | | | ✓ |
|----------------------|-----------------|-------|--------------------------|-------|----------|
| | Actual Function | Count | Expected Function | Count | Result |
| | *none* | 0 | *** No Call Expected *** | 0 | ~ |

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 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

| 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 |
|--------------------------|--|
| /lodule '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 | \$(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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |

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Razorcat

| 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 WithBy Environment)
CPU Cycles:

TS1.1 64 cycles
TS1.2 389 cycles

Description

Vector Description

TS1.1"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_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) 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_EOTImpSpdEn_Kph_u9p7, u9p7_T)) ||
(VehicleSpeed Kph_T_f32 >= FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) ||
(EOTDet_Cnt_T_lgc == FALSE) ||
(EOTDisable_Cnt_T_lgc == FRLSE) ||
(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)) |) >> FRUE
(FiltHwTrq_HwMm_T_f32 < (O_MINUSONE_ULS_F32* EOTDeltaTrqThrsh_HwNm_T_f32)) >> TRUE
(EOTActuatorMng_SESState_UIs_M_enum != SES_DISABLED)) >> TRUE
```

| Test Step 1.1 (Repeat Count = 1) | | | ~ |
|--|--------------|----------------|--------|
| Name | Input Value | | |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.531000018 | | |
| 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 | 600.450012 | | |
| LimitPosition_HwDeg_T_f32 | 1100.19995 | | |
| VehicleSpeed_Kph_T_f32 | 10.6700001 | | |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.257999986 | | |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 0 | | |
| k_EOTDynConf_Uls_u8p8 | 205 | | |
| k_EOTImpSpdEn_Kph_u9p7 | 3840 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 1440 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 960 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 480 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][3] | 320 | | |
| 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] | 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] | 7200 | | |
| t2_EOTPosDepDmpTblX_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 | Actual Value | Expected Value | Result |
| EOTActuatorMng_SESState_Uls_M_enum | SES DISABLED | SES DISABLED | |

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| Test Step 1.2 (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 | | |
| 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 | - |

SES_StateCtrl

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Test Case 2: Boundary Test

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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
TS2.15 260 cycles
TS2.15 260 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
TS2.22 265 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
TS2.33 48 cycles
TS2.34 48 cycles
TS2.35 48 cycles
TS2.37 48 cycles
TS2.38 48 cycles
TS2.39 48 cycles
TS2.31 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
TS2.39 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 cycles
TS2.50 227 cycles
TS2.51 384 cycles
TS2.53 384 cycles
TS2.53 384 cycles
TS2.55 384 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
TS2.28SESState_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_Uls_f32 = Min/default TS2.52k_EOTActiveRegionBypassMaxThresh_Uls_f32 = Max
  TS2.53k_EOTActiveRegionBypassMaxThresh_Uls_f32 = Mid
  TS2.54AII min
 TS2 55All max
```

| Test Step 2.1 (Repeat Count = 1) | · · |
|--|--------------|
| Name | Input Value |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.284999996 |
| 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 | 0.899999976 |
| HandWheelPos_HwDeg_T_f32 | 1200.44995 |
| LimitPosition_HwDeg_T_f32 | 1100.02002 |
| VehicleSpeed_Kph_T_f32 | 40.3470001 |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.99000001 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 1152 |
| k_EOTDynConf_Uls_u8p8 | 26 |
| k_EOTImpSpdEn_Kph_u9p7 | 5376 |
| 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 |
| 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 |

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| Name | Input Value | | |
|---------------------------------------|--------------|----------------|----------|
| t2_EOTEnterGainX_HwDeg_u12p4[3][2] | 5280 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[3][3] | 5296 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 16 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 80 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 448 | | |
| 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 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 7552 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 7680 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 7808 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_SESState_Uls_M_enum | 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 Igc | 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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 48 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 96 | | |
| 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 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 |

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| | | ` | |
|--|--------------|----------------|--------|
| Name | Input Value | | |
| EOTDisable_Cnt_T_lgc | 0 | | |
| FiltHwTrq_HwNm_T_f32 | 0 | | |
| HandWheelAuth_Uls_T_f32 | 0.83999974 | | |
| 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_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 | | |
| 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 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING | SES_ENTERING | ~ |
| | - | | - |

| 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 |

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| 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 | |

SES StateCtrl

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

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Name Input Value FiltHwTrq_HwNm_T_f32 1.21000004 HandWheelAuth_Uls_T_f32 0.899999976 HandWheelPos_HwDeg_T_f32 150.610001 LimitPosition_HwDeg_T_f32 -1440.10999 28.9740009 VehicleSpeed Kph T f32 $k_EOTActive Region Bypass Max Thresh_Uls_f32$ 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 1680 t2_EOTEnterGainX_HwDeg_u12p4[1][2] 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

3200

9472

9600

9728 Actual Value

SES_NORMAL

Expected Value

SES NORMAL

| Test Step 2.7 (Repeat Count = 1) | | ✓ · |
|--|-------------|-----|
| 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 | 0.889999986 | |
| 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 | |

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| 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) | | | V |
|--|--------------|----------------|--------|
| Name | Input Value | | |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.853999972 | | |
| EOTActuatorMng_SESState_Uls_M_enum | SES ENTERING | | |
| EOTDet_Cnt_T_lgc | 1 | | |
| EOTDisable Cnt T Igc | 0 | | |
| FiltHwTrq_HwNm_T_f32 | 2.8499999 | | |
| HandWheelAuth_Uls_T_f32 | 0.879999995 | | |
| 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_EOTPosDepDmpTblX_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 | |

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| Name | Input Value | | |
|--|--------------|----------------|----------|
| HandWheelAuth_Uls_T_f32 | 0.87000005 | | |
| HandWheelPos_HwDeg_T_f32 | -350.609985 | | |
| LimitPosition_HwDeg_T_f32 | -1000.09998 | | |
| VehicleSpeed_Kph_T_f32 | 18.1560001 | | |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.093999968 | | |
| 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) | ✓ |
|--|--------------|
| 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_Uls_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 |

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| 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 |

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| Name | 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 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][0] | 1440 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][1] | 1920 | | |
| t2_EOTEnterGainX_HwDeg_u12p4[0][2] | 1760 | | |
| 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 | | |
| 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_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 | | |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 3968 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 11776 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 11904 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 12032 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING | 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 | 0.94999988 |
| HandWheelPos_HwDeg_T_f32 | 0 |
| LimitPosition_HwDeg_T_f32 | -900.390015 |
| VehicleSpeed_Kph_T_f32 | 14.1269999 |
| k_EOTActiveRegionBypassMaxThresh_UIs_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 |

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| Name | Input Value | | |
|---------------------------------------|--------------|----------------|--------|
| t2_EOTPosDepDmpTbIX_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 | ~ |

| Test Step 2.14 (Repeat Count = 1) | | | ✓ |
|--|--------------|----------------|----------|
| Name | Input 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_Uls_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 | | |
| 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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1328 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 848 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1232 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 896 | | |
| t2_EOTPosDepDmpTblX_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_ENTERING | SES_ENTERING | ~ |

| 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 | |

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| 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 |

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| 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 | |

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| 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 | ~ |

| Test Step 2.19 (Repeat Count = 1) | V |
|--|-------------|
| Name | Input Value |
| EOTActuatorMng OutputRampMultLtd M f32 | 0.83999974 |
| EOTActuatorMng SESState Uls M enum | SES NORMAL |
| EOTDet Cnt T Igc | 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 |

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| 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 | |

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| 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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1328 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 848 |

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| 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 | 0.76999981 | | |
| EOTActuatorMng_SESState_Uls_M_enum | SES_NORMAL | | |
| EOTDet_Cnt_T_lgc | 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 | 0.200000003 | |

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| Name | 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 | | |
| 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 | | |
| 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 | | |
| t_EOTEnterGainVspd_Kph_u9p7[1] | 16384 | | |
| t_EOTEnterGainVspd_Kph_u9p7[2] | 16512 | | |
| t_EOTEnterGainVspd_Kph_u9p7[3] | 16640 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_SESState_Uls_M_enum | SES_DISABLED | SES_DISABLED | ~ |

| Test Step 2.25 (Repeat Count = 1) | | V |
|--|-------------|---|
| Name | Input Value | |
| EOTActuatorMng OutputRampMultLtd M f32 | 0.275000006 | |
| EOTActuatorMng SESState Uls M enum | SES EXITING | |
| EOTDet Cnt T Igc | 1 | |
| EOTDisable Cnt T lgc | 1 | |
| FiltHwTrg 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 | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1456 | |

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| Name | Input Value | | |
|---------------------------------------|--------------|----------------|--------|
| t2_EOTPosDepDmpTbIX_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_Uls_M_enum | SES DISABLED | | |
| EOTDet Cnt T Igc | 1 | | |
| EOTDisable_Cnt_T_lgc | 1 | | |
| FiltHwTrg 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 UIs 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 | |

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| 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_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] | 4304 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 1120 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1504 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] | 288 |

t_EOTEnterGainVspd_Kph_u9p7[2]

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 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[3] | 18176 | | |
|------------------------------------|--------------|----------------|----------|
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng SESState Uls M enum | SES ENTERING | SES ENTERING | ✓ |

18048

| 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 FiltHwTrq_HwNm_T_f32 9.5 HandWheelAuth_Uls_T_f32 0.87999995 HandWheelPos_HwDeg_T_f32 -333.51001 LimitPosition_HwDeg_T_f32 777.653992 VehicleSpeed_Kph_T_f32 14.8959999 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDpynConf_Uls_u8p8 9216 k_EOTImpSpdEn_Kph_u9p7 4736 |
|---|
| EOTActuatorMng_SESState_Uls_M_enum SES_EXITING 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 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| 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 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| 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 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| 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 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| 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 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| HandWheelPos_HwDeg_T_f32 -333.51001 LimitPosition_HwDeg_T_f32 777.653992 VehicleSpeed_Kph_T_f32 14.8959999 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| LimitPosition_HwDeg_T_f32 777.653992 VehicleSpeed_Kph_T_f32 14.8959999 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| VehicleSpeed_Kph_T_f32 14.8959999 k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 0.91900003 k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 512 k_EOTDynConf_Uls_u8p8 9216 |
| k_EOTDynConf_Uls_u8p8 9216 |
| |
| k EOTIMPSedEn Keb uga7 |
| r_commbabacti_rbit_dabt 4730 |
| 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_EOTPosDepDmpTbIX_HwDeg_u12p4[0][0] 0 |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[0][1] 288 |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][0] 384 |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[1][1] 4288 |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] 1104 |
| 12_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] 1488 |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[3][0] 256 |
| 12_EOTPosDepDmpTbIX_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 2.30 (Repeat Count = 1) | | <u> </u> |
|--|--------------|----------|
| 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 | |

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| 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 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING | SES_ENTERING | |

| Name | Input Value | |
|--|-------------|--|
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.059999987 | |
| 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 | 0.94999988 | |
| 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 | |

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| 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 | |

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| 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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 336 | | |
| t2_EOTPosDepDmpTblX_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_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 960 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 3200 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4800 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 3520 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 5760 |
| t_EOTEnterGainVspd_Kph_u9p7[0] | 6528 |

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| 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_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 3360 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 4960 | | |
| t2_EOTPosDepDmpTblX_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[3] | 20096 | | |
| | | Expected Value | Book!! |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_SESState_Uls_M_enum | SES_DISABLED | SES_DISABLED | ✓ |

| Test Step 2.36 (Repeat Count = 1) | | |
|--|--------------|--|
| 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 | |

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| 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_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] | 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 |

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| 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 | |

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| Name | Input Value | | |
|---------------------------------------|--------------|----------------|--------|
| 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] | 400 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 544 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 800 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1184 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 944 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1328 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][0] | 656 | | |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 1040 | | |
| 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_DISABLED | SES_DISABLED | ~ |

| Test Step 2.40 (Repeat Count = 1) | |
|---|--------------|
| Name | Input Value |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.680999994 |
| EOTActuatorMng_SESState_Uls_M_enum | SES_ENTERING |
| EOTDet_Cnt_T_lgc | 0 |
| EOTDisable_Cnt_T_lgc | 1 |
| FiltHwTrq_HwNm_T_f32 | 8.5 |
| HandWheelAuth_Uls_T_f32 | 0.860000014 |
| HandWheelPos_HwDeg_T_f32 | -444.217987 |
| LimitPosition_HwDeg_T_f32 | 666.953979 |
| VehicleSpeed_Kph_T_f32 | 27.0540009 |
| k_EOTActiveRegionBypassMaxThresh_Uls_f32 | 0.980000019 |
| k_EOTDeltaTrqThrsh_HwNm_u9p7 | 768 |
| k_EOTDynConf_Uls_u8p8 | 5888 |
| k_EOTImpSpdEn_Kph_u9p7 | 4480 |
| 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 EOTPosDepDmpTbIX HwDeg u12p4[0][0] | 416 |
| t2 EOTPosDepDmpTblX HwDeg u12p4[0][1] | 560 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][0] | 816 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[1][1] | 1200 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][0] | 960 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[2][1] | 1344 |
| t2 EOTPosDepDmpTblX HwDeg u12p4[3][0] | 672 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[3][1] | 1056 |
| t EOTEnterGainVspd Kph u9p7[0] | 7296 |
| t EOTEnterGainVspd Kph u9p7[1] | 21760 |
| t EOTEnterGainVspd Kph u9p7[2] | 21888 |
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| 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 LOCITATE COS INITERIOR I | 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 |

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| 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_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] | 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 | 0.899999976 | | |
| 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_EOTPosDepDmpTbIX_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 | Result |
| 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 |

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| 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 | • |

| Test Step 2.47 (Repeat Count = 1) | √ |
|--|-------------|
| Name | Input Value |
| EOTActuatorMng_OutputRampMultLtd_M_f32 | 0.61500001 |
| 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 | 0.526000023 |
| 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 |

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| 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 |

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| 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 |

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| 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_lgc | 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 E | Expected Value | Result |
| EOTActuatorMng SESState Uls M enum | | SES DISABLED | rtoouit |

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| 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 | ~ |

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Razorcat

Test Case 3: Path Test

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Razorcat

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

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 $TS3.2"((HandWheelAuth1_Uls_T_f32 < FPM_FixedToFloat_m(k_EOTDynConf_Uls_u8p8, u8p8_T)) Or (VehicleSpeed2_Kph_T_f32 > FPM_FixedToFloat_m(k_EOTImpSpdEn_Kph_u9p7, u9p7_T)) Or (EOTDet_Cnt_T_lgc = False) Or (EOTDisable_Cnt_T_lgc = True)) = FALSE (EOTDisable_Cnt_T_lgc = True) = FALSE (EOTDisable_Cnt_T_lgc = True)) = FALSE (EOTDisable$ 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_UIs_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,

| 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 | |

TS3.13(StatePriVectRes_UIs_T_u16 = D_SESSTATE_PRI4_ULS_U16) AND (EOTActuatorMng_SESState_UIs_M_enum !=

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

SES_DISABLED)=> FALSE

SES DISABLED)=> FALSE

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| Name | Input Value | | |
|--|--------------|----------------|--------|
| EOTDisable_Cnt_T_lgc | 1 | | |
| FiltHwTrq_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_Uls_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_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 3.2 (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 |
| 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 | 0.94999988 |
| 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 |

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| 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_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_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 Igc | 1 | | |
| EOTDisable Cnt T lgc | 0 | | |
| FiltHwTrq HwNm T f32 | -2 | | |
| HandWheelAuth Uls T f32 | 0.87000005 | | |
| 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_EOTPosDepDmpTbIX_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_EOTPosDepDmpTbIX_HwDeg_u12p4[2][0] | 1760 | | |
| t2_EOTPosDepDmpTbIX_HwDeg_u12p4[2][1] | 3520 | | |
| t2_EOTPosDepDmpTbIX_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 EXITING | SES EXITING | / / |
| 20.7.totaatog_0200tato_0to_in_ottain | 020_2/11110 | 020_2/11110 | |

| 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 | |

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| Name | Input Value | | |
|--|--------------|----------------|--------|
| FiltHwTrq_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 | ~ |
| | | | |

| 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 | 0.89999976 |
| 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 |

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| 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 | |

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| 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 Igc | 1 |
| EOTDisable Cnt T lgc | 0 |
| FiltHwTrg 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 EOTDeltaTrgThrsh 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 |

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| 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 |

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| Name | 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 | | |
| 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_EOTPosDepDmpTbIX_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 3.11 (Repeat Count = 1) | v |
|--|-------------|
| 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_EOTPosDepDmpTblX_HwDeg_u12p4[0][0] | 48 |
| t2_EOTPosDepDmpTblX_HwDeg_u12p4[0][1] | 96 |

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| 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 | |

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| 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 |

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| 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 | ~ |

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SES_CalcExitGain

| 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)\\StdDef\include -I\$(PROJECTROOT)\\up\\contract \Ap_EOTActuatorMng -I\$(PROJECTROOT)\\up\\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' | /************************************* |

| 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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |

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SES_CalcExitGain



| 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 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 | 25165824 | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | | |
| HandWheelPos_HwDeg_T_f32 | 150.5 | | | |
| HwTorque_HwNm_T_f32 | -1.20000005 | | | |
| PrevEOTGain_Uls_T_f32 | 0.20000003 | | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 20583 | 20583 | | |
| t_TrqTableX_HwNm_u8p8[0] | 768 | 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 | ~ | |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | Input Value | | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -25165824 | | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | 2 | | |
| HandWheelPos_HwDeg_T_f32 | -150.5 | | | |
| HwTorque_HwNm_T_f32 | 1.2999995 | | | |
| PrevEOTGain_UIs_T_f32 | 0.10000001 | 0.100000001 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 20583 | 20583 | | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | 256 | | |
| t_TrqTableX_HwNm_u8p8[1] | 512 | | | |
| t_TrqTblY_Uls_u2p14[0] | 426 | | | |
| t_TrqTblY_Uls_u2p14[1] | 344 | 344 | | |
| Name | Actual Value | Expected Value | Result | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -24095508 | -24095508 ± 1 | ~ | |
| SES_CalcExitGain() | 0.10000001 | 0.10000001 | ✓ | |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | -1.4375 | -1.4375 | ~ | |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 zero TS2.4HandWheelPos2_HwDeg_T_f32 neg TS2.5HandWheelPos2_HwDeg_T_f32 pos TS2.5HandWheelPos2_HwDeg_T_f32 pos
TS2.6HwTorque_HwNm_T_f32 min
TS2.7HwTorque_HwNm_T_f32 max
TS2.8HwTorque_HwNm_T_f32 zero
TS2.9HwTorque_HwNm_T_f32 pos
TS2.10HwTorque_HwNm_T_f32 pos
TS2.10HwTorque_HwNm_T_f32 pos
TS2.11PrevEOTGain_Uls_T_f32 min
TS2.12PrevEOTGain_Uls_T_f32 pos
TS2.14PrevEOTGain_Uls_T_f32 pos
TS2.14FiitHWTrqSV_HwNm_M_s7p24 min
TS2.15FiitHWTrqSV_HwNm_M_s7p24 max
TS2.15FiitHWTrqSV_HwNm_M_s7p24 reg
TS2.17FiitHWTrqSV_HwNm_M_s7p24 neg
TS2.18FiitHWTrqSV_HwNm_M_s7p24 neg
TS2.19k_EOTStateHwTrqLPFKn_Cnt_u16 min
TS2.20k_EOTStateHwTrqLPFKn_Cnt_u16 max
TS2.21k_EOTStateHwTrqLPFKn_Cnt_u16 min/or TS2.21k_EOTStateHwTrqLPFKn_Cnt_u16 mid/default TS2.221 EOTStateHWIND_U8p8[2] min TS2.221_TrqTableX_HwNm_u8p8[2] min TS2.231_TrqTableX_HwNm_u8p8[2] mid TS2.241_TrqTableX_HwNm_u8p8[2] mid TS2.251_TrqTblY_UIs_u2p14[2] min TS2.261_TrqTblY_UIs_u2p14[2] max TS2.271_TrqTblY_UIs_u2p14[2] min TS2.280 TS2.28All min TS2 29All max

| Test Step 2.1 (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 | -1440.10999 | | |
| HwTorque_HwNm_T_f32 | 1.125 | | |
| PrevEOTGain_UIs_T_f32 | 0.10000001 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 3754 | | |
| t_TrqTableX_HwNm_u8p8[0] | 512 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1280 | | |
| t_TrqTblY_Uls_u2p14[0] | 16 | | |
| t_TrqTblY_Uls_u2p14[1] | 164 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -24805440 | -24805440 ± 1 | ~ |
| SES_CalcExitGain() | 0.10000001 | 0.10000001 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | -1.48046875 | -1.48046875 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 25165824 | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | | |
| 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_TrqTblY_Uls_u2p14[0] | 33 | | |
| t_TrqTblY_Uls_u2p14[1] | 328 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 23448444 | 23448444 ± 1 | ~ |
| SES_CalcExitGain() | 0.20000003 | 0.200000003 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | 1.39453125 | 1.39453125 | ✓ |

| Test Step Call Trace | | | | 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 150994944 | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | 2 | |
| 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |



| Test Step 2.5 (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 | 1000.09998 | | |
| HwTorque_HwNm_T_f32 | 3.65100002 | | |
| PrevEOTGain_UIs_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 | ✓ |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_TrqTblY_Uls_u2p14[0] | 98 | | |
| t_TrqTblY_Uls_u2p14[1] | 16 | | |
| Name | Actual Value | xpected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 103500800 1 | 03500800 ± 1 | ~ |
| SES_CalcExitGain() | 0.600000024 | .600000024 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | 6.16796875 | .16796875 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | -117440512 | -117440512 | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | | | |
| 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 | ✓ | |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | | |
| 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_UIs_T_f32 | 0.800000012 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 4444 | | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | | |
| t_TrqTableX_HwNm_u8p8[1] | 512 | | |
| t_TrqTblY_Uls_u2p14[0] | 131 | | |
| t_TrqTblY_Uls_u2p14[1] | 49 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 109476864 | 109476864 ± 1 | ✓ |
| SES_CalcExitGain() | 0.800000012 | 0.800000012 | ✓ |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | 6.5234375 | 6.5234375 | ✓ |

| Test Step Call Trace | | | | 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 | -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 | 0.89999976 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 3333 | | | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | | | |
| t_TrqTableX_HwNm_u8p8[1] | 1792 | | | |
| t_TrqTblY_Uls_u2p14[0] | 147 | | | |
| t_TrqTblY_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 FiltHwTrqPtr HwNm T f32 | -5.4375 | -5.4375 | ✓ | |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | 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 | 0.150000006 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 2222 | 2222 | | |
| t_TrqTableX_HwNm_u8p8[0] | 768 | | | |
| t_TrqTableX_HwNm_u8p8[1] | 2304 | | | |
| t_TrqTblY_Uls_u2p14[0] | 164 | | | |
| t_TrqTblY_Uls_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 | • | |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |

tgt_FiltHwTrqPtr_HwNm_T_f32



-4.859375



| Test Step 2.11 (Repeat Count = 1) | | | ✓ | |
|---|-----------------------------|----------------|----------|--|
| Name | Input Value | | | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -83886080 | | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | 1 | | |
| HandWheelPos_HwDeg_T_f32 | -700.841003 | | | |
| HwTorque_HwNm_T_f32 | -3.35400009 | -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_TrqTbIY_Uls_u2p14[1] | 180 | | | |
| Name | Actual Value | Expected Value | Result | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -81510762 | -81510762 ± 1 | ~ | |
| SES_CalcExitGain() | 0.00891113281 | 0.00891113281 | ✓ | |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |

-4.859375

| 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 | 4.85400009 | | |
| PrevEOTGain_Uls_T_f32 | 1 | | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 1000 | | | |
| t_TrqTableX_HwNm_u8p8[0] | 256 | | | |
| t_TrqTableX_HwNm_u8p8[1] | 1024 | | | |
| t_TrqTblY_Uls_u2p14[0] | 197 | | | |
| t_TrqTblY_Uls_u2p14[1] | 115 | | | |
| Name | Actual Value | Expected Value | Result | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 83848080 | 83848080 ± 1 | ~ | |
| SES_CalcExitGain() | 1 | 1 | ✓ | |
| tat FiltHwTraPtr HwNm T f32 | 4.99609375 | 4.99609375 | _ | |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |

| Test Step 2.13 (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 | -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 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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_f3: | 2 | |
| 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_TrqTblY_Uls_u2p14[0] | 229 | | |
| t_TrqTblY_Uls_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 | ✓ |

| Test Step Call Trace | | | | 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_TrqTbIY_UIs_u2p14[0] | 246 | |
| t_TrqTbIY_UIs_u2p14[1] | 164 | |
| Name | Actual Value Expe | ected Value Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 167655260 16765 | 55260 ± 1 |
| SES_CalcExitGain() | 0.850000024 0.850 | 000024 |
| tgt FiltHwTrqPtr HwNm T f32 | 9.9921875 9.992 | 1875 |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | ~ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | | |
| 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_UIs_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 | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -51420369 | -51420370 ± 1 | ✓ |
| SES_CalcExitGain() | 0.109999999 | 0.109999999 | ✓ |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | -3.06640625 | -3.06640625 | ~ |

| Test Step Call Trace | | | | 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) | | | V |
|---|-----------------------------|--------------|----------|
| 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 | 0.219999999 | | |
| 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 Exp | pected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 51845769 518 | 45770 ± 1 | ~ |
| SES_CalcExitGain() | 0.219999999 0.21 | 1999999 | ~ |
| tgt FiltHwTrqPtr HwNm T f32 | 3.08984375 3.08 | 8984375 | ~ |

| Test Step Call Trace | | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| 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 | 67108864 | | | | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | | | | |
| HandWheelPos_HwDeg_T_f32 | 111.851997 | 111.851997 | | | | |
| HwTorque_HwNm_T_f32 | 2.5 | 2.5 | | | | |
| PrevEOTGain_Uls_T_f32 | 0.330000013 | 0.330000013 | | | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 82 | 82 | | | | |
| t_TrqTableX_HwNm_u8p8[0] | 1536 | 1536 | | | | |
| t_TrqTableX_HwNm_u8p8[1] | 2304 | 2304 | | | | |
| t_TrqTblY_Uls_u2p14[0] | 311 | 311 | | | | |
| t_TrqTblY_Uls_u2p14[1] | 229 | 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 | ✓ | | | |

| Test Step Call Trace | | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function | Count | Expected Function | Count | Result | | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | | |



SES_CalcExitGain

| 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 | 0.43999998 | | |
| 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 Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -16235392 | -16235392 ± 1 | ~ |
| SES_CalcExitGain() | 0.43999998 | 0.439999998 | ~ |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | -0.96875 | -0.96875 | ~ |

| Test Step Call Trace | | | | V |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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_TrqTblY_Uls_u2p14[0] | 344 | | |
| t_TrqTblY_Uls_u2p14[1] | 262 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 75982208 7 | 75982208 ± 1 | ~ |
| SES_CalcExitGain() | 0.550000012 | 0.550000012 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | 4.52734375 | 4.52734375 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | • |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |



SES_CalcExitGain

| 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 | ~ |

| Test Step Call Trace | | | | 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() | 0.879999995 | 0.879999995 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | -5.94921875 | -5.94921875 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 | • |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ |



SES_CalcExitGain

| 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 | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 83697070 | 83697070 ± 1 | ~ |
| SES_CalcExitGain() | 1 | 1 | ✓ |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | 4.98828125 | 4.98828125 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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_UIs_T_f32 | 0.50999999 | | |
| k_EOTStateHwTrqLPFKn_Cnt_u16 | 520 | | |
| t_TrqTableX_HwNm_u8p8[0] | 768 | | |
| t_TrqTableX_HwNm_u8p8[1] | 1536 | | |
| t_TrqTblY_Uls_u2p14[0] | 16 | | |
| t_TrqTblY_Uls_u2p14[1] | 33 | | |
| Name | Actual Value | Expected Value | Result |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | -49346768 | -49346768 ± 1 | ~ |
| SES_CalcExitGain() | 0.50999999 | 0.50999999 | ✓ |
| tgt FiltHwTrqPtr HwNm T f32 | -2.94140625 | -2.94140625 | ✓ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | ~ |

| Test Step Call Trace | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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 | | |
| 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 | Ī | ~ |
| tgt_FiltHwTrqPtr_HwNm_T_f32 | 10 | 10 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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_Uls_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_TrqTbIY_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_FiltHwTrqPtr_HwNm_T_f32 | -1.34375 | -1.34375 | ✓ |

| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | |

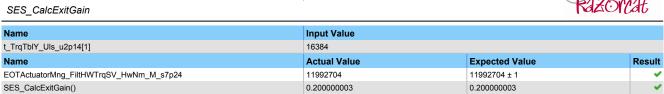
| Test Step 3.2 (Repeat Count = 1) | | |
|---|-----------------------------|--|
| Name | Input Value | |
| EOTActuatorMng_FiltHWTrqSV_HwNm_M_s7p24 | 25165824 | |
| FiltHwTrqPtr_HwNm_T_f32 | tgt_FiltHwTrqPtr_HwNm_T_f32 | |
| HandWheelPos_HwDeg_T_f32 | 150 | |
| HwTorque_HwNm_T_f32 | -1 | |
| PrevEOTGain_Uls_T_f32 | 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 | |

tgt_FiltHwTrqPtr_HwNm_T_f32

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0.7109375



| Test Step Call Trace | | | | | |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function | Count | Expected Function | Count | Result | |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1 | IntplVarXY_u16_u16Xu16Y_Cnt | 1 | ~ | |

0.7109375

| 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 | | |
| 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] | 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 | ✓ |

| Test Step Call Trace | | | | ✓ |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function | Count | Expected Function | Count | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 1 | IntplVarXY u16 u16Xu16Y Cnt | 1 | |

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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_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' | /** // 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):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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 3.2 |
| Time Unit | Cycles |
| Timer Enabled | false |

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SES_FiltEOTGain



| Attributes | |
|------------------|--|
| Name | Value |
| 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 |

Description



Test Case 1: Metrics Test

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

TS1.1 30 cycles TS1.2 30 cycles 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 | | |
| 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 | • |





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

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 | | |
| 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 | 0.100000001 | | |
| 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 |

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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 | ✓ |

| Test Step 2.12 (Repeat Count = 1) | | | ✓ |
|---|--------------|----------------|--------|
| 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 |
| | |

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SES_FiltEOTGain

| 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 | ~ |