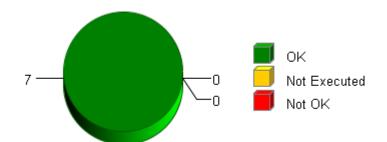


#### **Summary**

### **Overall Test Object Results (including Coverage)**



**Date:** 2014-09-19 **Time:** 15:54:46+0530



#### **Selected Project Items**

Test Object "CBD UnitTest/FDD Inertia FLTINJ/ADDCoefCalc"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/DecelGain"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/DriverVelCalc"

Test Object "CBD UnitTest/FDD Inertia FLTINJ/FilterCoefCalc"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/FrqDepDmpnInrtCmp\_Init"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/FrqDepDmpnInrtCmp\_Per1"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/GenFddIcCmd"

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

#### **Batch Operation Settings**

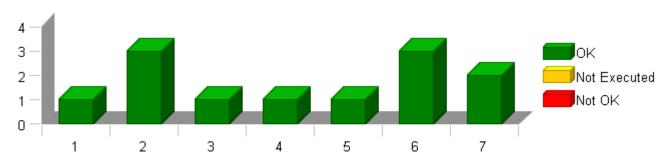
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

**Instrumentation:** Test Object Only

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

Decision Coverage, Multiple Condition Coverage

#### Test Case Results for Each Test Object (without Coverage)

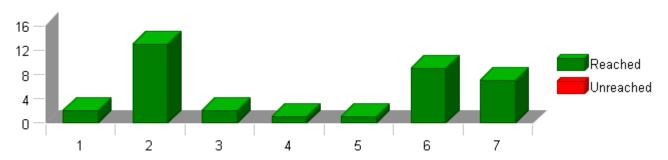


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



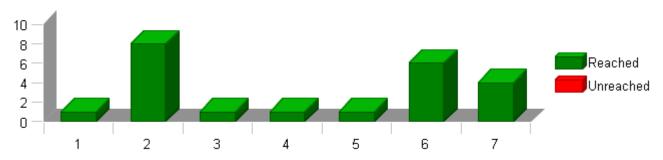
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

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



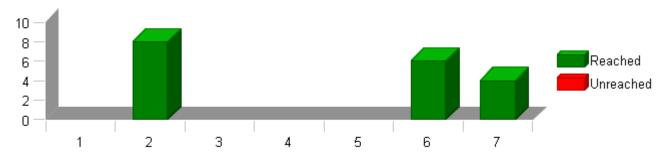
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

### Branch (C1) Coverage: Total Branches for Each Test Object



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

### **Decision Coverage: Total Decision Outcomes for Each Test Object**

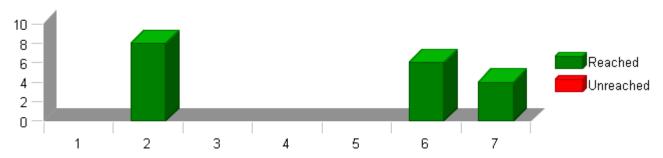


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



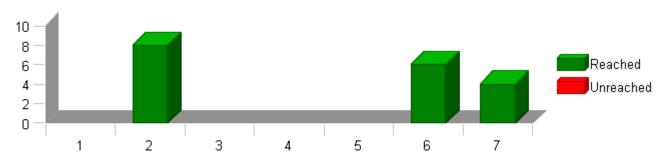
### MC/DC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

#### MCC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.



## **Test Object List**

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

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

| No. | Name                   | CO    | C1    | DC    | MC/DC | MCC   | Test Cases Res  | sult |
|-----|------------------------|-------|-------|-------|-------|-------|-----------------|------|
|     | FDD_Inertia            | 100 % | 100 % | 100 % | 100 % | 100 % | 12 of 12 passed | •    |
|     | CBD_UnitTest           | 100 % | 100 % | 100 % | 100 % | 100 % | 12 of 12 passed | •    |
|     | FDD_Inertia_FLTINJ     | 100 % | 100 % | 100 % | 100 % | 100 % | 12 of 12 passed | •    |
| 1   | <u>ADDCoefCalc</u>     | 100 % | 100 % | -     | -     | -     | 1 of 1 passed   | •    |
| 2   | <u>DecelGain</u>       | 100 % | 100 % | 100 % | 100 % | 100 % | 3 of 3 passed   | •    |
| 3   | <u>DriverVelCalc</u>   | 100 % | 100 % | -     | -     | -     | 1 of 1 passed   | •    |
| 4   | <u>FilterCoefCalc</u>  | 100 % | 100 % | -     | -     | -     | 1 of 1 passed   | •    |
| 5   | FrqDepDmpnInrtCmp Init | 100 % | 100 % | -     | -     | -     | 1 of 1 passed   | •    |
| 6   | FrqDepDmpnInrtCmp Per1 | 100 % | 100 % | 100 % | 100 % | 100 % | 3 of 3 passed   | •    |
| 7   | <u>GenFddlcCmd</u>     | 100 % | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed   | ~    |

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DecelGain

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object DecelGain

#### 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_FrqDepDmpnInrtCmp   |
|------------------------|--|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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                   | $\label{lem:condition} $$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap\_FrqDepDmpnInrtCmp.c$  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tooIs\compiler\tms470_4.9.5\include |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(ProgramFiles)\\Texas Instruments\\ccsv4\tools\\compiler\tms470_4.9.5\\include           |

| Comments/Description/       | Specification  |
|-----------------------------|--|
| Name                        | Text   |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c   |
|                             | Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc   |
|                             | Module Design Document Version: 18 Data Dictionary Version: 16   |
|                             | Unit Test Plan Version: 6 Optimization Level: Level 2  |
|                             | Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro  |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994   |
|                             | Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328  |
|                             | Special Test Requirements: Test Date: 09-19-2014   |
|                             | Comments:  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.   |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication. |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |
|                             | ***************************************  |

| Attributes            |   |  |  |  |
|-----------------------|---|--|--|--|
| Name                  | Value   |  |  |  |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |  |  |  |
| Float Precision       | 9   |  |  |  |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |  |  |  |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |  |  |  |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |  |  |  |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |  |  |  |
| Target Install Path   | \$(ProgramFiles)\pls\UDE 3.2  |  |  |  |
| Time Unit             | Cycles  |  |  |  |
| Timer Enabled         | false   |  |  |  |
| Timer Prescale        | 0   |  |  |  |
| Timer Resolution      | 1   |  |  |  |

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DecelGain



| Attributes      |  |
|-----------------|--|
| Name            | Value  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |



#### **Test Case 1: Metrics Test**

Specification

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

CPU Cycles:

TS1.1 326.00 Cycles TS1.2 346.00 Cycles

Description

Test Vector Description:

TS1.1 "Shortest Execution Path:
( -VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32 )=True
(RawDecelGain\_Uls\_T\_f32>=(D\_2MS\_SEC\_F32 \* MaxDecelGain\_UlspS\_T\_f32)+ PreDecelGain\_Uls\_M\_f32)=True"
TS1.2 "Longest Execution Path:
( -VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32 )=False
( -VehicleLonAccel\_KphpS\_T\_f32 < k\_DmpGainOnfThresh\_KphpS\_f32)=False
( -VehicleLonAccel\_KphpS\_T\_f32 < k\_DmpGainOnfThresh\_KphpS\_f32)=False
( RawDecelGain\_Uls\_T\_f32>=(D\_2MS\_SEC\_F32 \* MaxDecelGain\_UlspS\_T\_f32)+ PreDecelGain\_Uls\_M\_f32)=False
( RawDecelGain\_Uls\_T\_f32<=(D\_2MS\_SEC\_F32 \* -k\_DmpDecelGainFSlew\_UlspS\_f32)+ PreDecelGain\_Uls\_M\_f32)=False"

| Test Step 1.1 (Repeat Count = 1) Name | Innut Value  |                  |        |
|---------------------------------------|--------------|------------------|--------|
|                                       | Input Value  |                  |        |
| CRFMotorVel_MtrRadpS_T_f32            | -1118        |                  |        |
| PreDecelGain_Uls_M_f32                | 1            |                  |        |
| VehicleLonAccel_KphpS_T_f32           | -10          |                  |        |
| k_DmpDecelGainFSlew_UlspS_f32         | 1            |                  |        |
| k_DmpDecelGain_Uls_f32                | 2            |                  |        |
| k_DmpGainOffThresh_KphpS_f32          | 0            |                  |        |
| k_DmpGainOnThresh_KphpS_f32           | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 0            |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 0            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 8            |                  |        |
| Name                                  | Actual Value | Expected Value   | Result |
| DecelGain()                           | 1.00199997   | 1.002 ± 0.000009 | ~      |
| PreDecelGain Uls M f32                | 1.00199997   | 1.002 ± 0.0625   | •      |

| Т                           |       |                             |       |      |    |
|-----------------------------|-------|-----------------------------|-------|------|----|
| Actual Function             | Count | Expected Function           | Count | Resu | lt |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | ~  |

| Name                                  | Input Value  |                  |        |
|---------------------------------------|--------------|------------------|--------|
| CRFMotorVel_MtrRadpS_T_f32            | 500.68       |                  |        |
| PreDecelGain_Uls_M_f32                | 127118.835   |                  |        |
| VehicleLonAccel_KphpS_T_f32           | -3.1         |                  |        |
| k_DmpDecelGainFSlew_UlspS_f32         | 1700.02      |                  |        |
| k_DmpDecelGain_Uls_f32                | 2.1          |                  |        |
| k_DmpGainOffThresh_KphpS_f32          | 0            |                  |        |
| k_DmpGainOnThresh_KphpS_f32           | 44.45        |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 4192         |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 4224         |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 4256         |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 4288         |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4320         |                  |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4352         |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                  |        |
| Name                                  | Actual Value | Expected Value   | Result |
| DecelGain()                           | 127118.836   | 127118.835 ± 0.9 | •      |

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| Name                   | Actual Value | Expected Value      | Result   |
|------------------------|--------------|---------------------|----------|
| PreDecelGain Uls M f32 | 127118.836   | 127118.835 ± 0.0625 | <b>✓</b> |

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

| <b>Test Case 2</b> | : Path test  | V |
|--------------------|--|---|
| Specification      | Performance Metrics (With "None" Instrumentation and "WithPS"<br>Environment)  |   |
|                    | CPU Cycles:  |   |
|                    | TS2.1 329.00 Cycles<br>TS2.2 349.00 Cycles<br>TS2.3 347.00 Cycles<br>TS2.4 326.00 Cycles   |   |
| Description        | Test Vector Description  |   |
|                    | TS2.1 "(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32) = True and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True" TS2.2 "(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32) = False and (-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOffThresh_KphpS_f32)=True |   |
|                    | and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=False and   |   |
|                    | (RawDecelGain_Uls_T_f32<=(D_2MS_SEC_F32 * -k_DmpDecelGainFSlew_UlspS_f32)+ PreDecelGain_Uls_M_f32)=True" TS2.3 (-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOffThresh_KphpS_f32)=False TS2.4 (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True   |   |

| Test Step 2.1 (Repeat Count = 1)      |              |                     |          |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 100.02       |                     |          |
| PreDecelGain_Uls_M_f32                | 125487.235   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -10          |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 100.02       |                     |          |
| k_DmpDecelGain_Uls_f32                | 2.1          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 11.5         |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 5.25         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3552         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3584         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3616         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3648         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 3680         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 3712         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 408          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 416          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 424          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 432          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 440          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 448          |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 125487.031   | 125487.035 ± 0.9    | -        |
| PreDecelGain Uls M f32                | 125487.031   | 125487.035 ± 0.0625 | <b>✓</b> |

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

| Name                                  | Input Value |  |
|---------------------------------------|-------------|--|
| CRFMotorVel MtrRadpS T f32            | 200.03      |  |
| PreDecelGain_Uls_M_f32                | 125589.21   |  |
| VehicleLonAccel_KphpS_T_f32           | 10          |  |
| k_DmpDecelGainFSlew_UlspS_f32         | 200.05      |  |
| k_DmpDecelGain_Uls_f32                | 3.5         |  |
| k_DmpGainOffThresh_KphpS_f32          | 22.25       |  |
| k_DmpGainOnThresh_KphpS_f32           | 10.12       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3872        |  |

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DecelGain

| Name                                  | Input Value  |                      |        |
|---------------------------------------|--------------|----------------------|--------|
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3904         |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3936         |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3968         |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4000         |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4032         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 2408         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 2416         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 2424         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 2432         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 2440         |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 2448         |                      |        |
| Name                                  | Actual Value | Expected Value       | Result |
| DecelGain()                           | 125588.813   | 125588.8099 ± 0.9    | ~      |
| PreDecelGain_Uls_M_f32                | 125588.813   | 125588.8099 ± 0.0625 | ~      |

| T                           |       |                             |       |     | V        |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>~</b> |

| Name                                  | Input Value  |                     |          |
|---------------------------------------|--------------|---------------------|----------|
| CRFMotorVel_MtrRadpS_T_f32            | 500.68       |                     |          |
| PreDecelGain_Uls_M_f32                | 127118.835   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -3.1         |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1700.02      |                     |          |
| k_DmpDecelGain_Uls_f32                | 2.1          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 0            |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 44.45        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 4192         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 4224         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 4256         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 4288         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4320         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4352         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 127118.836   | 127118.835 ± 0.9    | <b>*</b> |
| PreDecelGain Uls M f32                | 127118.836   | 127118.835 ± 0.0625 | <b>✓</b> |

| T Actual Function           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 2.4 (Repeat Count = 1)      |             | V |
|---------------------------------------|-------------|---|
| Name                                  | Input Value |   |
| CRFMotorVel_MtrRadpS_T_f32            | -1118       |   |
| PreDecelGain_Uls_M_f32                | 1           |   |
| VehicleLonAccel_KphpS_T_f32           | -10         |   |
| k_DmpDecelGainFSlew_UlspS_f32         | 1           |   |
| k_DmpDecelGain_Uls_f32                | 2           |   |
| k_DmpGainOffThresh_KphpS_f32          | 0           |   |
| k_DmpGainOnThresh_KphpS_f32           | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 0           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 0           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 8           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 8           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 8           |   |

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DecelGain

| Name                               | Input Value  |                  |        |
|------------------------------------|--------------|------------------|--------|
| t_DmpDecelGainSlewY_UlspS_u13p3[3] | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4] | 8            |                  |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5] | 8            |                  |        |
| Name                               | Actual Value | Expected Value   | Result |
| DecelGain()                        | 1.00199997   | 1.002 ± 0.000009 | ~      |
| PreDecelGain_Uls_M_f32             | 1.00199997   | 1.002 ± 0.0625   | ✓      |

| T                           |       | <b>✓</b>                    |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~      |



#### **Test Case 3: Boundary Test**

Specification

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

CPU Cycles:

332.00 Cycles 338.00 Cycles 329.00 Cycles 349.00 Cycles 338.00 Cycles 349.00 Cycles TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 349.00 Cycles 349.00 Cycles 342.00 Cycles 342.00 Cycles 329.00 Cycles 329.00 Cycles 329.00 Cycles 349.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 349.00 Cycles 349.00 Cycles 351.00 Cycles 351.00 Cycles 351.00 Cycles TS3.14 TS3.15 TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 TS3.22 346.00 Cycles 351.00 Cycles 351.00 Cycles 328.00 Cycles 328.00 Cycles 338.00 Cycles 351.00 Cycles TS3.23 TS3.24 TS3.25 TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.31 TS3.32 TS3.33

#### Description

Test Vector Description:

TS3.1 All min

TS3.2 All max

TS3.2 All max
TS3.3 VehicleLonAccel\_KphpS\_T\_f32 = min
TS3.4 VehicleLonAccel\_KphpS\_T\_f32 = max
TS3.5 VehicleLonAccel\_KphpS\_T\_f32 = zero
TS3.6 VehicleLonAccel\_KphpS\_T\_f32 = zero
TS3.6 VehicleLonAccel\_KphpS\_T\_f32 = pos
TS3.7 VehicleLonAccel\_KphpS\_T\_f32 = neg
TS3.8 CRFMotorVel1\_MtrRadpS\_T\_f32 = min
TS3.9 CRFMotorVel1\_MtrRadpS\_T\_f32 = max
TS3.10 CRFMotorVel1\_MtrRadpS\_T\_f32 = zero
TS3.11 CRFMotorVel1\_MtrRadpS\_T\_f32 = pos
TS3.12 CRFMotorVel1\_MtrRadpS\_T\_f32 = neg
TS3.13 k\_DmpGainOnThresh\_KphpS\_f32 = min
TS3.14 k\_DmpGainOnThresh\_KphpS\_f32 = max
TS3.15 k\_DmpGainOnThresh\_KphpS\_f32 = max
TS3.16 k\_DmpDecelGain\_Uls\_f32 = min
TS3.17 k\_DmpDecelGain\_Uls\_f32 = max
TS3.18 k\_DmpGainOnThresh\_KphpS\_f32 = max
TS3.18 k\_DmpDecelGain\_Uls\_f32 = max
TS3.19 k\_DmpGainOnTThresh\_KphpS\_f32 = min

k\_DmpDeceicain\_Uis\_132 = pos k\_DmpGainOffThresh\_KphpS\_f32 = min k\_DmpGainOffThresh\_KphpS\_f32 = max k\_DmpGainOffThresh\_KphpS\_f32 = pos PreDeceiGain\_Uis\_M\_f32 = min PreDeceiGain\_Uis\_M\_f32 = max PreDeceiGain\_Uis\_M\_f32 = pos TS3.19 TS3.20

TS3.21 TS3.22

TS3.23 TS3.24

PreDecelGain\_Uls\_M\_f32 = pos
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6]= min
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6] = max
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6] = pos
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = min
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = max
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = pos
k\_DmpDecelGainFlew\_UlspS\_f32 = min
k\_DmpDecelGainFSlew\_UlspS\_f32 = max
k\_DmpDecelGainFSlew\_UlspS\_f32 = pos TS3.25 TS3.26 TS3.27

TS3.28 TS3.29

TS3.30

TS3.31 TS3.32

TS3.33

| Test Step 3.1 (Repeat Count = 1)      |             |  |
|---------------------------------------|-------------|--|
| Name                                  | Input Value |  |
| CRFMotorVel_MtrRadpS_T_f32            | -1118       |  |
| PreDecelGain_Uls_M_f32                | 1           |  |
| VehicleLonAccel_KphpS_T_f32           | -10         |  |
| k_DmpDecelGainFSlew_UlspS_f32         | 1           |  |
| k_DmpDecelGain_Uls_f32                | 1           |  |
| k_DmpGainOffThresh_KphpS_f32          | 0           |  |
| k_DmpGainOnThresh_KphpS_f32           | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 0           |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 0           |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 8           |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 8           |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 8           |  |

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| Name                               | Input Value  |                |          |
|------------------------------------|--------------|----------------|----------|
| t_DmpDecelGainSlewY_UlspS_u13p3[3] | 8            |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4] | 8            |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5] | 8            |                |          |
| Name                               | Actual Value | Expected Value | Result   |
| DecelGain()                        | 1            | 1 ± 0.000009   | ~        |
| PreDecelGain_Uls_M_f32             | 1            | 1 ± 0.0625     | <b>✓</b> |

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

| Test Step 3.2 (Repeat Count = 1)      |                |                     | <b>~</b> |
|---------------------------------------|----------------|---------------------|----------|
| Name                                  | Input Value    |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 1118           |                     |          |
| PreDecelGain_Uls_M_f32                | 4294967295     |                     |          |
| VehicleLonAccel_KphpS_T_f32           | 10             |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 4500           |                     |          |
| k_DmpDecelGain_Uls_f32                | 10             |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 50             |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 50             |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 35776          |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 35776          |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 35776          |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 35776          |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 35776          |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 35776          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 4000           |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 4000           |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 4000           |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 4000           |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 4000           |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 4000           |                     |          |
| Name                                  | Actual Value   | Expected Value      | Result   |
| DecelGain()                           | 4.2949673e+009 | 4294967286 ± 9999   | •        |
| PreDecelGain Uls M f32                | 4.2949673e+009 | 4294967286 ± 0.0625 | •        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Name                                  | Input Value  |                     |       |
|---------------------------------------|--------------|---------------------|-------|
| CRFMotorVel MtrRadpS T f32            | 100.02       |                     |       |
| PreDecelGain_Uls_M_f32                | 125487.235   |                     |       |
| VehicleLonAccel_KphpS_T_f32           | -10          |                     |       |
| k_DmpDecelGainFSlew_UlspS_f32         | 100.02       |                     |       |
| k_DmpDecelGain_Uls_f32                | 2.1          |                     |       |
| k_DmpGainOffThresh_KphpS_f32          | 11.5         |                     |       |
| k_DmpGainOnThresh_KphpS_f32           | 5.25         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3552         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3584         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3616         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3648         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 3680         |                     |       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 3712         |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 408          |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 416          |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 424          |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 432          |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 440          |                     |       |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 448          |                     |       |
| Name                                  | Actual Value | Expected Value      | Resul |
| DecelGain()                           | 125487.031   | 125487.035 ± 0.9    | •     |
| PreDecelGain_Uls_M_f32                | 125487.031   | 125487.035 ± 0.0625 |       |



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

| Name                                  | Innect Males |                      |          |
|---------------------------------------|--------------|----------------------|----------|
| Name                                  | Input Value  |                      |          |
| CRFMotorVel_MtrRadpS_T_f32            | 200.03       |                      |          |
| PreDecelGain_Uls_M_f32                | 125589.21    |                      |          |
| VehicleLonAccel_KphpS_T_f32           | 10           |                      |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 200.05       |                      |          |
| k_DmpDecelGain_Uls_f32                | 3.5          |                      |          |
| k_DmpGainOffThresh_KphpS_f32          | 22.25        |                      |          |
| k_DmpGainOnThresh_KphpS_f32           | 10.12        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3872         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3904         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3936         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3968         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4000         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4032         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 2408         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 2416         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 2424         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 2432         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 2440         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 2448         |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 125588.813   | 125588.8099 ± 0.9    | -        |
| PreDecelGain Uls M f32                | 125588.813   | 125588.8099 ± 0.0625 | <b>✓</b> |

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

| Test Step 3.5 (Repeat Count = 1)      |              |                      | <b>✓</b> |
|---------------------------------------|--------------|----------------------|----------|
| Name                                  | Input Value  |                      |          |
| CRFMotorVel_MtrRadpS_T_f32            | -100.04      |                      |          |
| PreDecelGain_Uls_M_f32                | 125691.185   |                      |          |
| VehicleLonAccel_KphpS_T_f32           | 0            |                      |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 300.06       |                      |          |
| k_DmpDecelGain_Uls_f32                | 4.2          |                      |          |
| k_DmpGainOffThresh_KphpS_f32          | 33.35        |                      |          |
| k_DmpGainOnThresh_KphpS_f32           | 15.32        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 4192         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 4224         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 4256         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 4288         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4320         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4352         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 125690.586   | 125690.5849 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 125690.586   | 125690.5849 ± 0.0625 | <b>✓</b> |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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  |                      |          |
| CRFMotorVel_MtrRadpS_T_f32            | -200.05      |                      |          |
| PreDecelGain_Uls_M_f32                | 125793.16    |                      |          |
| VehicleLonAccel_KphpS_T_f32           | 5.3          |                      |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 400.04       |                      |          |
| k_DmpDecelGain_Uls_f32                | 6.1          |                      |          |
| k_DmpGainOffThresh_KphpS_f32          | 44.45        |                      |          |
| k_DmpGainOnThresh_KphpS_f32           | 20.25        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 5792         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 5824         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 5856         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 5888         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 5920         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 5952         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1208         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1216         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1224         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1232         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1240         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1248         |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 125792.359   | 125792.3599 ± 0.9    | <b>✓</b> |
| PreDecelGain_Uls_M_f32                | 125792.359   | 125792.3599 ± 0.0625 | ✓        |

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

| Test Step 3.7 (Repeat Count = 1)      |              |                     | <b>✓</b> |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 300.02       |                     |          |
| PreDecelGain_Uls_M_f32                | 125895.135   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -5.4         |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 500.02       |                     |          |
| k_DmpDecelGain_Uls_f32                | 5.2          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 8.21         |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 25.12        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 9120         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 9152         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 9184         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 9216         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 9248         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 9280         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1608         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1616         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1624         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1632         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1640         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1648         |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 125894.133   | 125894.135 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 125894.133   | 125894.135 ± 0.0625 | ✓        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | _        |

| Test Step 3.8 (Repeat Count = 1) | <b>✓</b>    |
|----------------------------------|-------------|
| Name                             | Input Value |
| CRFMotorVel_MtrRadpS_T_f32       | -1118       |
| PreDecelGain_Uls_M_f32           | 125997.11   |
| VehicleLonAccel_KphpS_T_f32      | -2.2        |
| k_DmpDecelGainFSlew_UlspS_f32    | 600.04      |
| k_DmpDecelGain_Uls_f32           | 7.8         |
| k_DmpGainOffThresh_KphpS_f32     | 16.62       |

DecelGain

PreDecelGain\_Uls\_M\_f32

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125995.9099 ± 0.0625

| Name                                  | Input Value  |                   |        |
|---------------------------------------|--------------|-------------------|--------|
| k_DmpGainOnThresh_KphpS_f32           | 1.25         |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 32320        |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 32352        |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 32384        |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 32416        |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 32448        |                   |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 32480        |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 2408         |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 2416         |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 2424         |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 2432         |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 2440         |                   |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 2448         |                   |        |
| Name                                  | Actual Value | Expected Value    | Result |
| DecelGain()                           | 125005 006   | 125995 9099 + 0 9 | -      |

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

125995.906

| Test Step 3.9 (Repeat Count = 1)      |              |                      |        |
|---------------------------------------|--------------|----------------------|--------|
| Name                                  | Input Value  |                      |        |
| CRFMotorVel_MtrRadpS_T_f32            | 1118         |                      |        |
| PreDecelGain_Uls_M_f32                | 126099.085   |                      |        |
| VehicleLonAccel_KphpS_T_f32           | -3.3         |                      |        |
| k_DmpDecelGainFSlew_UlspS_f32         | 700.03       |                      |        |
| k_DmpDecelGain_Uls_f32                | 8.7          |                      |        |
| k_DmpGainOffThresh_KphpS_f32          | 24.21        |                      |        |
| k_DmpGainOnThresh_KphpS_f32           | 2.58         |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 30592        |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 30624        |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 30656        |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 30688        |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 30720        |                      |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 30752        |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                      |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                      |        |
| Name                                  | Actual Value | Expected Value       | Result |
| DecelGain()                           | 126097.688   | 126097.6849 ± 0.9    | ~      |
| PreDecelGain Uls M f32                | 126097.688   | 126097.6849 ± 0.0625 | ✓      |

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

| Test Step 3.10 (Repeat Count = 1)     |             |  |
|---------------------------------------|-------------|--|
| Name                                  | Input Value |  |
| CRFMotorVel_MtrRadpS_T_f32            | 0           |  |
| PreDecelGain_Uls_M_f32                | 126201.06   |  |
| VehicleLonAccel_KphpS_T_f32           | -4.1        |  |
| k_DmpDecelGainFSlew_UlspS_f32         | 800.04      |  |
| k_DmpDecelGain_Uls_f32                | 9.2         |  |
| k_DmpGainOffThresh_KphpS_f32          | 11.21       |  |
| k_DmpGainOnThresh_KphpS_f32           | 3.21        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 27264       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 27296       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 27328       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 27360       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 27392       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 27424       |  |
| t DmpDecelGainSlewY UlspS u13p3[0]    | 3608        |  |

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DecelGain

| Name                               | Input Value  |                      |          |  |
|------------------------------------|--------------|----------------------|----------|--|
| t_DmpDecelGainSlewY_UlspS_u13p3[1] | 3616         |                      |          |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2] | 3624         |                      |          |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[3] | 3632         |                      |          |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[4] | 3640         | 3640                 |          |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[5] | 3648         |                      |          |  |
| Name                               | Actual Value | Expected Value       | Result   |  |
| DecelGain()                        | 126199.461   | 126199.4599 ± 0.9    | ~        |  |
| PreDecelGain_Uls_M_f32             | 126199.461   | 126199.4599 ± 0.0625 | <b>✓</b> |  |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 3.11 (Repeat Count = 1)     |              |                     | <b>✓</b> |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 100.5        |                     |          |
| PreDecelGain_Uls_M_f32                | 126303.035   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -5.6         |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 900.02       |                     |          |
| k_DmpDecelGain_Uls_f32                | 1.1          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 22.41        |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 4.62         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 14592        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 14624        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 14656        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 14688        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 14720        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 14752        |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 288          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 296          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 304          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 312          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 320          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 328          |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 126301.234   | 126301.235 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 126301.234   | 126301.235 ± 0.0625 | <b>✓</b> |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 3.12 (Repeat Count = 1)     |              |                    | <b>✓</b> |
|---------------------------------------|--------------|--------------------|----------|
| Name                                  | Input Value  |                    |          |
| CRFMotorVel_MtrRadpS_T_f32            | -100.2       |                    |          |
| PreDecelGain_Uls_M_f32                | 126405.01    |                    |          |
| VehicleLonAccel_KphpS_T_f32           | -6.1         |                    |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1000.01      |                    |          |
| k_DmpDecelGain_Uls_f32                | 1.5          |                    |          |
| k_DmpGainOffThresh_KphpS_f32          | 33.32        |                    |          |
| k_DmpGainOnThresh_KphpS_f32           | 5.64         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 20960        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 20992        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 21024        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 21056        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 21088        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 21120        |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 384          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 392          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 400          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 408          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 416          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 424          |                    |          |
| Name                                  | Actual Value | Expected Value     | Result   |
| DecelGain()                           | 126403.008   | 126403.01 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 126403.008   | 126403.01 ± 0.0625 | <b>✓</b> |

**Actual Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

| T .                         |       |                             |       |        |  |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | -      |  |  |

| Test Step 3.13 (Repeat Count = 1)     |              |                     | <b>✓</b> |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 200.12       |                     |          |
| PreDecelGain_Uls_M_f32                | 126506.985   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | 6.2          |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1100.02      |                     |          |
| k_DmpDecelGain_Uls_f32                | 1.9          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 44.45        |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 0            |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 25216        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 25248        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 25280        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 25312        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 25344        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 25376        |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 126504.781   | 126504.785 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 126504.781   | 126504.785 ± 0.0625 | ✓        |

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

| Name                                 | Input Value  |                    |          |
|--------------------------------------|--------------|--------------------|----------|
| CRFMotorVel_MtrRadpS_T_f32           | -200.31      |                    |          |
| PreDecelGain_Uls_M_f32               | 126608.96    |                    |          |
| VehicleLonAccel_KphpS_T_f32          | 7.5          |                    |          |
| k_DmpDecelGainFSlew_UlspS_f32        | 1200.02      |                    |          |
| k_DmpDecelGain_Uls_f32               | 2.5          |                    |          |
| k_DmpGainOffThresh_KphpS_f32         | 8.62         |                    |          |
| k_DmpGainOnThresh_KphpS_f32          | 50           |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3264         |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3296         |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3328         |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3360         |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 3392         |                    |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 3424         |                    |          |
| _DmpDecelGainSlewY_UlspS_u13p3[0]    | 680          |                    |          |
| _DmpDecelGainSlewY_UlspS_u13p3[1]    | 688          |                    |          |
| _DmpDecelGainSlewY_UlspS_u13p3[2]    | 696          |                    |          |
| _DmpDecelGainSlewY_UlspS_u13p3[3]    | 704          |                    |          |
| _DmpDecelGainSlewY_UlspS_u13p3[4]    | 712          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]   | 720          |                    |          |
| Name                                 | Actual Value | Expected Value     | Result   |
| DecelGain()                          | 126606.563   | 126606.56 ± 0.9    | <b>✓</b> |
| PreDecelGain Uls M f32               | 126606.563   | 126606.56 ± 0.0625 | <b>✓</b> |

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



| Test Step 3.15 (Repeat Count = 1)     |              |                     | ✓      |
|---------------------------------------|--------------|---------------------|--------|
| Name                                  | Input Value  |                     |        |
| CRFMotorVel_MtrRadpS_T_f32            | 300.52       |                     |        |
| PreDecelGain_Uls_M_f32                | 126710.935   |                     |        |
| VehicleLonAccel_KphpS_T_f32           | 8.2          |                     |        |
| k_DmpDecelGainFSlew_UlspS_f32         | 1300.02      |                     |        |
| k_DmpDecelGain_Uls_f32                | 5.6          |                     |        |
| k_DmpGainOffThresh_KphpS_f32          | 16.21        |                     |        |
| k_DmpGainOnThresh_KphpS_f32           | 25.25        |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3776         |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3808         |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3840         |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3872         |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 3904         |                     |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 3936         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1536         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1544         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1552         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1560         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1568         |                     |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1576         |                     |        |
| Name                                  | Actual Value | Expected Value      | Result |
| DecelGain()                           | 126708.336   | 126708.335 ± 0.9    | ~      |
| PreDecelGain_Uls_M_f32                | 126708.336   | 126708.335 ± 0.0625 | ✓      |

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

| Test Step 3.16 (Repeat Count = 1)     |              |                    | <b>✓</b> |
|---------------------------------------|--------------|--------------------|----------|
| Name                                  | Input Value  |                    |          |
| CRFMotorVel_MtrRadpS_T_f32            | -300.63      |                    |          |
| PreDecelGain_Uls_M_f32                | 126812.91    |                    |          |
| VehicleLonAccel_KphpS_T_f32           | 9.3          |                    |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1400.01      |                    |          |
| k_DmpDecelGain_Uls_f32                | 1            |                    |          |
| k_DmpGainOffThresh_KphpS_f32          | 24.12        |                    |          |
| k_DmpGainOnThresh_KphpS_f32           | 11.21        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 5280         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 5312         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 5344         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 5376         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 5408         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 5440         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1480         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1488         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1496         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1504         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1512         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1520         |                    |          |
| Name                                  | Actual Value | Expected Value     | Result   |
| DecelGain()                           | 126810.109   | 126810.11 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 126810.109   | 126810.11 ± 0.0625 | ✓        |

| T ·                         |       |                             |       |        |  |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |  |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     |        |  |  |

| Test Step 3.17 (Repeat Count = 1) |             |
|-----------------------------------|-------------|
| Name                              | Input Value |
| CRFMotorVel_MtrRadpS_T_f32        | 400.75      |
| PreDecelGain_Uls_M_f32            | 126914.885  |
| VehicleLonAccel_KphpS_T_f32       | -1.2        |
| k_DmpDecelGainFSlew_UlspS_f32     | 1500.04     |
| k_DmpDecelGain_Uls_f32            | 10          |
| k_DmpGainOffThresh_KphpS_f32      | 32.41       |

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DecelGain

| Name                                  | Input Value  |                      |          |
|---------------------------------------|--------------|----------------------|----------|
| k_DmpGainOnThresh_KphpS_f32           | 22.41        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 11680        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 11712        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 11744        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 11776        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 11808        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 11840        |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1608         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1616         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1624         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1632         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1640         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1648         |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 126911.883   | 126911.8849 ± 0.9    | ~        |
| PreDecelGain Uls M f32                | 126911.883   | 126911.8849 ± 0.0625 | <b>✓</b> |

| Τ                           |       |                             |       |      |    |  |
|-----------------------------|-------|-----------------------------|-------|------|----|--|
| Actual Function             | Count | Expected Function           | Count | Resu | lt |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | ~  |  |

| Test Step 3.18 (Repeat Count = 1)     |              |                    | <b>✓</b> |
|---------------------------------------|--------------|--------------------|----------|
| Name                                  | Input Value  |                    |          |
| CRFMotorVel_MtrRadpS_T_f32            | -400.52      |                    |          |
| PreDecelGain_Uls_M_f32                | 127016.86    |                    |          |
| VehicleLonAccel_KphpS_T_f32           | -2.3         |                    |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1600.02      |                    |          |
| k_DmpDecelGain_Uls_f32                | 5.25         |                    |          |
| k_DmpGainOffThresh_KphpS_f32          | 40.52        |                    |          |
| k_DmpGainOnThresh_KphpS_f32           | 33.32        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3872         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3904         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3936         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3968         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4000         |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4032         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 2408         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 2416         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 2424         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 2432         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 2440         |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 2448         |                    |          |
| Name                                  | Actual Value | Expected Value     | Result   |
| DecelGain()                           | 127013.656   | 127013.66 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 127013.656   | 127013.66 ± 0.0625 | <b>✓</b> |

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

| Test Step 3.19 (Repeat Count = 1)     |             | ✓ |
|---------------------------------------|-------------|---|
| Name                                  | Input Value |   |
| CRFMotorVel_MtrRadpS_T_f32            | 500.68      |   |
| PreDecelGain_Uls_M_f32                | 127118.835  |   |
| VehicleLonAccel_KphpS_T_f32           | -3.1        |   |
| k_DmpDecelGainFSlew_UlspS_f32         | 1700.02     |   |
| k_DmpDecelGain_Uls_f32                | 2.1         |   |
| k_DmpGainOffThresh_KphpS_f32          | 0           |   |
| k_DmpGainOnThresh_KphpS_f32           | 44.45       |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 4192        |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 4224        |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 4256        |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 4288        |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4320        |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4352        |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448         |   |

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| Name                               | Input Value  |                     |          |
|------------------------------------|--------------|---------------------|----------|
| t_DmpDecelGainSlewY_UlspS_u13p3[1] | 456          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2] | 464          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3] | 472          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4] | 480          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5] | 488          |                     |          |
| Name                               | Actual Value | Expected Value      | Result   |
| DecelGain()                        | 127118.836   | 127118.835 ± 0.9    | <b>✓</b> |
| PreDecelGain_Uls_M_f32             | 127118.836   | 127118.835 ± 0.0625 | <b>✓</b> |

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

| Test Step 3.20 (Repeat Count = 1)     |             | <b>✓</b> |
|---------------------------------------|-------------|----------|
| Name                                  | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32            | 600.46      |          |
| PreDecelGain_Uls_M_f32                | 127220.81   |          |
| VehicleLonAccel_KphpS_T_f32           | -4.2        |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1800.01     |          |
| k_DmpDecelGain_Uls_f32                | 2.2         |          |
| k_DmpGainOffThresh_KphpS_f32          | 50          |          |
| k_DmpGainOnThresh_KphpS_f32           | 8.62        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 5792        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 5824        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 5856        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | V488        |          |

**Actual Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

| T                           |       |                             |       | •     |
|-----------------------------|-------|-----------------------------|-------|-------|
| Actual Function             | Count | Expected Function           | Count | Resul |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | •     |

| Test Step 3.22 (Repeat Count = 1)     |              |                | <b>✓</b> |
|---------------------------------------|--------------|----------------|----------|
| Name                                  | Input Value  |                |          |
| CRFMotorVel_MtrRadpS_T_f32            | 800.03       |                |          |
| PreDecelGain_Uls_M_f32                | 1            |                |          |
| VehicleLonAccel_KphpS_T_f32           | -6.5         |                |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2000.06      |                |          |
| k_DmpDecelGain_Uls_f32                | 2.8          |                |          |
| k_DmpGainOffThresh_KphpS_f32          | 11.21        |                |          |
| k_DmpGainOnThresh_KphpS_f32           | 24.12        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 32320        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 32352        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 32384        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 32416        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 32448        |                |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 32480        |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 448          |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 456          |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 464          |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 472          |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 480          |                |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 488          |                |          |
| Name                                  | Actual Value | Expected Value | Result   |
| DecelGain()                           | 1            | 1 ± 0.000009   | ✓        |
| PreDecelGain_Uls_M_f32                | 1            | 1 ± 0.0625     | <b>✓</b> |

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

| Name                                 | Input Value    |                     |        |
|--------------------------------------|----------------|---------------------|--------|
| CRFMotorVel_MtrRadpS_T_f32           | 900.08         |                     |        |
| PreDecelGain_Uls_M_f32               | 4294967295     |                     |        |
| VehicleLonAccel_KphpS_T_f32          | -7.6           |                     |        |
| k_DmpDecelGainFSlew_UlspS_f32        | 2100.02        |                     |        |
| k_DmpDecelGain_Uls_f32               | 3.5            |                     |        |
| k_DmpGainOffThresh_KphpS_f32         | 22.41          |                     |        |
| k_DmpGainOnThresh_KphpS_f32          | 32.41          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 30592          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 30624          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 30656          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 30688          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 30720          |                     |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 30752          |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[0]    | 448            |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[1]    | 456            |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[2]    | 464            |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[3]    | 472            |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[4]    | 480            |                     |        |
| _DmpDecelGainSlewY_UlspS_u13p3[5]    | 488            |                     |        |
| Name                                 | Actual Value   | Expected Value      | Result |
| DecelGain()                          | 4.2949673e+009 | 4294967291 ± 9999   | •      |
| PreDecelGain Uls M f32               | 4.2949673e+009 | 4294967291 ± 0.0625 | •      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |



| Test Step 3.24 (Repeat Count = 1)     |              |                    | <b>✓</b> |
|---------------------------------------|--------------|--------------------|----------|
| Name                                  | Input Value  |                    |          |
| CRFMotorVel_MtrRadpS_T_f32            | 1000.12      |                    |          |
| PreDecelGain_Uls_M_f32                | 127628.71    |                    |          |
| VehicleLonAccel_KphpS_T_f32           | -8.2         |                    |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2200.02      |                    |          |
| k_DmpDecelGain_Uls_f32                | 3.9          |                    |          |
| k_DmpGainOffThresh_KphpS_f32          | 33.32        |                    |          |
| k_DmpGainOnThresh_KphpS_f32           | 40.52        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 27264        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 27296        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 27328        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 27360        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 27392        |                    |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 27424        |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 680          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 688          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 696          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 704          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 712          |                    |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 720          |                    |          |
| Name                                  | Actual Value | Expected Value     | Result   |
| DecelGain()                           | 127624.313   | 127624.31 ± 0.9    | <b>✓</b> |
| PreDecelGain_Uls_M_f32                | 127624.313   | 127624.31 ± 0.0625 | <b>✓</b> |

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

| Test Step 3.25 (Repeat Count = 1)     |              |                      | ✓        |
|---------------------------------------|--------------|----------------------|----------|
| Name                                  | Input Value  |                      |          |
| CRFMotorVel_MtrRadpS_T_f32            | 1100.26      |                      |          |
| PreDecelGain_Uls_M_f32                | 127730.685   |                      |          |
| VehicleLonAccel_KphpS_T_f32           | -9.2         |                      |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2300.04      |                      |          |
| k_DmpDecelGain_Uls_f32                | 3.7          |                      |          |
| k_DmpGainOffThresh_KphpS_f32          | 44.45        |                      |          |
| k_DmpGainOnThresh_KphpS_f32           | 48.62        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 0            |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 0            |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 0            |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 0            |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 0            |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 0            |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1536         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1544         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1552         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1560         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1568         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1576         |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 127726.086   | 127726.0849 ± 0.9    | <b>✓</b> |
| PreDecelGain_Uls_M_f32                | 127726.086   | 127726.0849 ± 0.0625 | ✓        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     |          |

| Test Step 3.26 (Repeat Count = 1) |             | ✓ |
|-----------------------------------|-------------|---|
| Name                              | Input Value |   |
| CRFMotorVel_MtrRadpS_T_f32        | -500.23     |   |
| PreDecelGain_Uls_M_f32            | 127832.66   |   |
| VehicleLonAccel_KphpS_T_f32       | 1.1         |   |
| k_DmpDecelGainFSlew_UlspS_f32     | 2400.08     |   |
| k_DmpDecelGain_Uls_f32            | 4.8         |   |
| k_DmpGainOffThresh_KphpS_f32      | 8.62        |   |

DecelGain

PreDecelGain\_Uls\_M\_f32

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127827.8598 ± 0.0625

|                                       |              |                   | _        |
|---------------------------------------|--------------|-------------------|----------|
| Name                                  | Input Value  |                   |          |
| k_DmpGainOnThresh_KphpS_f32           | 4.21         |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 35776        |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 35776        |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 35776        |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 35776        |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 35776        |                   |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 35776        |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1480         |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1488         |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1496         |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1504         |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1512         |                   |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1520         |                   |          |
| Name                                  | Actual Value | Expected Value    | Result   |
| DecelGain()                           | 127827.859   | 127827.8598 ± 0.9 | <b>✓</b> |
|                                       |              |                   |          |

| T                           |       |                             |       |     |          |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>~</b> |

127827.859

| Name                                  | Input Value  |                     |          |
|---------------------------------------|--------------|---------------------|----------|
| CRFMotorVel MtrRadpS T f32            | -600.52      |                     |          |
| PreDecelGain Uls M f32                | 127934.635   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | 1.2          |                     |          |
| k DmpDecelGainFSlew UlspS f32         | 2500.02      |                     |          |
| k_DmpDecelGain_Uls_f32                | 5.9          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 16.21        |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 8.85         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3200         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 6400         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 9600         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 12800        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 16000        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 19200        |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1208         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1216         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1224         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1232         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1240         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1248         |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 127929.633   | 127929.635 ± 0.9    | <b>✓</b> |
| PreDecelGain Uls M f32                | 127929.633   | 127929.635 ± 0.0625 | <b>✓</b> |

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

| Test Step 3.28 (Repeat Count = 1)     |             | <b>✓</b> |
|---------------------------------------|-------------|----------|
| Name                                  | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32            | -700.14     |          |
| PreDecelGain_Uls_M_f32                | 128036.61   |          |
| VehicleLonAccel_KphpS_T_f32           | 1.6         |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2600.07     |          |
| k_DmpDecelGain_Uls_f32                | 5.8         |          |
| k_DmpGainOffThresh_KphpS_f32          | 24.12       |          |
| k_DmpGainOnThresh_KphpS_f32           | 12.61       |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 3872        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 3904        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 3936        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 3968        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4000        |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4032        |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 8           |          |

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DecelGain

| Name                               | Input Value  |                      |          |
|------------------------------------|--------------|----------------------|----------|
| t_DmpDecelGainSlewY_UlspS_u13p3[1] | 8            |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2] | 8            |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3] | 8            |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4] | 8            |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5] | 8            |                      |          |
| Name                               | Actual Value | Expected Value       | Result   |
| DecelGain()                        | 128031.406   | 128031.4099 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32             | 128031.406   | 128031.4099 ± 0.0625 | <b>✓</b> |

| T                           |       |                             |       |      |          |  |
|-----------------------------|-------|-----------------------------|-------|------|----------|--|
| Actual Function             | Count | Expected Function           | Count | Resu | lt       |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | <b>~</b> |  |

| Test Step 3.29 (Repeat Count = 1)     |              |                      | ✓        |
|---------------------------------------|--------------|----------------------|----------|
| Name                                  | Input Value  |                      |          |
| CRFMotorVel_MtrRadpS_T_f32            | -800.52      |                      |          |
| PreDecelGain_Uls_M_f32                | 128138.585   |                      |          |
| VehicleLonAccel_KphpS_T_f32           | 1.8          |                      |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2700.03      |                      |          |
| k_DmpDecelGain_Uls_f32                | 6.5          |                      |          |
| k_DmpGainOffThresh_KphpS_f32          | 32.41        |                      |          |
| k_DmpGainOnThresh_KphpS_f32           | 16.21        |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 4192         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 4224         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 4256         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 4288         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 4320         |                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 4352         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 4000         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 4000         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 4000         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 4000         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 4000         |                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 4000         |                      |          |
| Name                                  | Actual Value | Expected Value       | Result   |
| DecelGain()                           | 128133.188   | 128133.1849 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 128133.188   | 128133.1849 ± 0.0625 | <b>✓</b> |

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

| Test Sten 2 20 /Benest Count = 4\      |              |                    | ~      |
|--|--------------|--------------------|--------|
| Test Step 3.30 (Repeat Count = 1) Name | Input Value  |                    | Ť      |
| CRFMotorVel_MtrRadpS_T_f32             | -900.63      |                    |        |
| PreDecelGain Uls M f32                 | 128240.56    |                    |        |
| VehicleLonAccel KphpS T f32            | -2.1         |                    |        |
| k DmpDecelGainFSlew UlspS f32          | 2800.02      |                    |        |
| k_DmpDecelGain_Uls_f32                 | 6.8          |                    |        |
| k_DmpGainOffThresh_KphpS_f32           | 40.52        |                    |        |
| k_DmpGainOnThresh_KphpS_f32            | 20.63        |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]  | 5792         |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]  | 5824         |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]  | 5856         |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 5888         |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]  | 5920         |                    |        |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]  | 5952         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]     | 2000         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]     | 2008         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]     | 2016         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]     | 2024         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]     | 2032         |                    |        |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]     | 2040         |                    |        |
| Name                                   | Actual Value | Expected Value     | Result |
| DecelGain()                            | 128234.961   | 128234.96 ± 0.9    | ~      |
| PreDecelGain_Uls_M_f32                 | 128234.961   | 128234.96 ± 0.0625 | ~      |

**Actual Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | -      |

| Test Step 3.31 (Repeat Count = 1)     |              |                     | <b>✓</b> |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | -1000.25     |                     |          |
| PreDecelGain_Uls_M_f32                | 128342.535   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -2.5         |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 1            |                     |          |
| k_DmpDecelGain_Uls_f32                | 6.9          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 48.62        |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 24.14        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 9120         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 9152         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 9184         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 9216         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 9248         |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 9280         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 680          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 688          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 696          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 704          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 712          |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 720          |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 128342.531   | 128342.533 ± 0.9    | ~        |
| PreDecelGain_Uls_M_f32                | 128342.531   | 128342.533 ± 0.0625 | <b>✓</b> |

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

| Name                                   | Input Value  |                    |        |
|--|--------------|--------------------|--------|
| CRFMotorVel_MtrRadpS_T_f32             | -1100.85     |                    |        |
| PreDecelGain_Uls_M_f32                 | 128444.51    |                    |        |
| VehicleLonAccel_KphpS_T_f32            | -2.9         |                    |        |
| k_DmpDecelGainFSlew_UlspS_f32          | 4500         |                    |        |
| k_DmpDecelGain_Uls_f32                 | 3.8          |                    |        |
| k_DmpGainOffThresh_KphpS_f32           | 4.21         |                    |        |
| <pre>c_DmpGainOnThresh_KphpS_f32</pre> | 28.18        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 32320        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 32352        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]   | 32384        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 32416        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]   | 32448        |                    |        |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 32480        |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[0]      | 1536         |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[1]      | 1544         |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[2]      | 1552         |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[3]      | 1560         |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[4]      | 1568         |                    |        |
| _DmpDecelGainSlewY_UlspS_u13p3[5]      | 1576         |                    |        |
| Name                                   | Actual Value | Expected Value     | Result |
| DecelGain()                            | 128435.508   | 128435.51 ± 0.9    | •      |
| PreDecelGain Uls M f32                 | 128435.508   | 128435.51 ± 0.0625 |        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

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| Test Step 3.33 (Repeat Count = 1)     |              |                     | <b>✓</b> |
|---------------------------------------|--------------|---------------------|----------|
| Name                                  | Input Value  |                     |          |
| CRFMotorVel_MtrRadpS_T_f32            | 458.62       |                     |          |
| PreDecelGain_Uls_M_f32                | 128546.485   |                     |          |
| VehicleLonAccel_KphpS_T_f32           | -8.1         |                     |          |
| k_DmpDecelGainFSlew_UlspS_f32         | 2500.02      |                     |          |
| k_DmpDecelGain_Uls_f32                | 6.9          |                     |          |
| k_DmpGainOffThresh_KphpS_f32          | 8.85         |                     |          |
| k_DmpGainOnThresh_KphpS_f32           | 32.25        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] | 30592        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] | 30624        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 30656        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] | 30688        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] | 30720        |                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] | 30752        |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]    | 1208         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]    | 1216         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]    | 1224         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]    | 1232         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]    | 1240         |                     |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]    | 1248         |                     |          |
| Name                                  | Actual Value | Expected Value      | Result   |
| DecelGain()                           | 128541.484   | 128541.485 ± 0.9    | · ·      |
| PreDecelGain_Uls_M_f32                | 128541.484   | 128541.485 ± 0.0625 | ~        |

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

2



Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ
Test Object FrqDepDmpnInrtCmp\_Init

#### Instrumentation: Test Object Only

Statement (C0) Coverage 100 %
Branch (C1) Coverage 100 %

#### **Statistics**

| Total Testcases | 1 |
|-----------------|---|
| Successful      | 1 |
| Failed          | 0 |
| Not Executed    | 0 |



#### **Module Properties**

| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp   |
|------------------------|--|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c   |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

| 0                           |  |
|-----------------------------|--|
| Comments/Description/S      | Text   |
|                             | **************************************   |
| Module 'FDD_Inertia_FLTINJ' | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 |
|                             | Comments:  Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.  |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range. And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.  |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for USP7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.   |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |
|                             |  |

| Attributes            |   |
|-----------------------|---|
| Name                  | Value   |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |
| Float Precision       | 9   |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |
| Target Install Path   | \$(ProgramFiles)\pls\UDE 3.2  |
| Time Unit             | Cycles  |
| Timer Enabled         | false   |
| Timer Prescale        | 0   |
| Timer Resolution      | 1   |

2 2



| Attributes      |  |
|-----------------|--|
| Name            | Value  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |



#### **Test Case 1: Boundary Test**

Specification

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

CPU Cycles:

TS1.1 116.00 Cycles
TS1.2 117.00 Cycles
TS1.3 116.00 Cycles
TS1.4 117.00 Cycles
TS1.5 117.00 Cycles
TS1.5 117.00 Cycles
TS1.6 115.00 Cycles
TS1.7 115.00 Cycles
TS1.8 117.00 Cycles
TS1.9 117.00 Cycles
TS1.10 118.00 Cycles
TS1.11 118.00 Cycles
TS1.11 118.00 Cycles
TS1.12 115.00 Cycles
TS1.13 115.00 Cycles

Description Test Vector Description:

TS1.1 All min

TS1.1 All min
TS1.2 All max
TS1.3 k\_InrtCmp\_TBarVelLPFKn\_Hz\_f32 = min
TS1.4 k\_InrtCmp\_TBarVelLPFKn\_Hz\_f32 = max
TS1.5 k\_InrtCmp\_TBarVelLPFKn\_Hz\_f32 = mid
TS1.6 TbarVelFiltSv\_M\_str.K = min
TS1.7 TbarVelFiltSv\_M\_str.K = mid
TS1.9 TbarVelFiltSv\_M\_str.K = mid
TS1.9 TbarVelFiltSv\_M\_str.SV = min
TS1.10 TbarVelFiltSv\_M\_str.SV = max
TS1.11 TbarVelFiltSv\_M\_str.SV = pos
TS1.12 TbarVelFiltSv\_M\_str.SV = pos
TS1.13 TbarVelFiltSv\_M\_str.SV = neg

| Test Step 1.1 (Repeat Count = 1) |               |                                      | ~        |
|----------------------------------|---------------|--------------------------------------|----------|
| Name                             | Input Value   |                                      |          |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -6.66669989   |                                      |          |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.00125584798 |                                      |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 0.100000001   |                                      |          |
| Name                             | Actual Value  | Expected Value                       | Result   |
| PreDecelGain_Uls_M_f32           | 1             | 1 ± 0.0625                           | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0             | 0 ± 0.00390625                       | ~        |
| TbarVelFiltSv M str.K Uls f32    | 0.00125586987 | 0.00125584798 ± 0.000125655810790826 | <b>✓</b> |

| Test Step 1.2 (Repeat Count = 1) |              |                                    |          |
|----------------------------------|--------------|------------------------------------|----------|
| Name                             | Input Value  |                                    |          |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 6.66669989   |                                    |          |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.715390444  |                                    |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 100          |                                    |          |
| Name                             | Actual Value | Expected Value                     | Result   |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625                         | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0            | 0 ± 0.00390625                     | •        |
| TbarVelFiltSv M str.K Uls f32    | 0.715390444  | 0.715390444 ± 0.000125655810790826 | <b>✓</b> |

| Test Step 1.3 (Repeat Count = 1) |               |                                      | <b>✓</b> |
|----------------------------------|---------------|--------------------------------------|----------|
| Name                             | Input Value   |                                      |          |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 1.25460005    |                                      |          |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.374119997   |                                      |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 0.100000001   |                                      |          |
| Name                             | Actual Value  | Expected Value                       | Result   |
| PreDecelGain_Uls_M_f32           | 1             | 1 ± 0.0625                           | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0             | 0 ± 0.00390625                       | <b>✓</b> |
| TbarVelFiltSv M str.K Uls f32    | 0.00125586987 | 0.00125584798 ± 0.000125655810790826 | <b>✓</b> |

| Test Step 1.4 (Repeat Count = 1) |              |                | <b>✓</b> |
|----------------------------------|--------------|----------------|----------|
| Name                             | Input Value  |                |          |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -5.68739986  |                |          |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.269800007  |                |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 100          |                |          |
| Name                             | Actual Value | Expected Value | Result   |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625     | ~        |

2 2



| Name                           | Actual Value | Expected Value                     | Result   |
|--------------------------------|--------------|------------------------------------|----------|
| TbarVelFiltSv_M_str.SV_Uls_f32 | 0            | 0 ± 0.00390625                     | ~        |
| TbarVelFiltSv M str.K Uls f32  | 0.715390444  | 0.715390444 ± 0.000125655810790826 | <b>✓</b> |

| Test Step 1.5 (Repeat Count = 1) |              |                                    | ✓      |
|----------------------------------|--------------|------------------------------------|--------|
| Name                             | Input Value  |                                    |        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 4.5632       |                                    |        |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.145229995  |                                    |        |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 50.2299995   |                                    |        |
| Name                             | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625                         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0            | 0 ± 0.00390625                     | ~      |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.468051612  | 0.468051612 ± 0.000125655810790826 | ~      |

| Test Step 1.6 (Repeat Count = 1) |               |                                    | ✓        |
|----------------------------------|---------------|------------------------------------|----------|
| Name                             | Input Value   |                                    |          |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 2.55769992    |                                    |          |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.00125584798 |                                    |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 25.2000008    |                                    |          |
| Name                             | Actual Value  | Expected Value                     | Result   |
| PreDecelGain_Uls_M_f32           | 1             | 1 ± 0.0625                         | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0             | 0 ± 0.00390625                     | ~        |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.271430731   | 0.271430701 ± 0.000125655810790826 | <b>✓</b> |

| Test Step 1.7 (Repeat Count = 1) |              |                                    | ✓      |
|----------------------------------|--------------|------------------------------------|--------|
| Name                             | Input Value  |                                    |        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 3.99850011   |                                    |        |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.715390444  |                                    |        |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 26           |                                    |        |
| Name                             | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625                         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0            | 0 ± 0.00390625                     | ~      |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.278718412  | 0.278718382 ± 0.000125655810790826 | ~      |

| Test Step 1.8 (Repeat Count = 1) |              |                                    | ✓      |
|----------------------------------|--------------|------------------------------------|--------|
| Name                             | Input Value  |                                    |        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -4.12300014  |                                    |        |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.587459981  |                                    |        |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 35.25        |                                    |        |
| Name                             | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625                         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0            | 0 ± 0.00390625                     | ~      |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.357870042  | 0.357870042 ± 0.000125655810790826 | ~      |

| Test Step 1.9 (Repeat Count = 1) |              |                                    |        |
|----------------------------------|--------------|------------------------------------|--------|
| Name                             | Input Value  |                                    |        |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -6.66669989  |                                    |        |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.532140017  |                                    |        |
| k_InrtCmp_TBarVelLPFKn_Hz_f32    | 84           |                                    |        |
| Name                             | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32           | 1            | 1 ± 0.0625                         | -      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 0            | 0 ± 0.00390625                     | -      |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.652007818  | 0.652007759 ± 0.000125655810790826 | •      |

| Test Step 1.10 (Repeat Count = 1) |              |
|-----------------------------------|--------------|
| Name                              | Input Value  |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 6.66669989   |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.0147850001 |





| Name                           | Input Value  |                                    |        |
|--------------------------------|--------------|------------------------------------|--------|
| k_InrtCmp_TBarVelLPFKn_Hz_f32  | 95.0100021   |                                    |        |
| Name                           | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32         | 1            | 1 ± 0.0625                         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32 | 0            | 0 ± 0.00390625                     | •      |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.696972251  | 0.696972251 ± 0.000125655810790826 | ~      |

| Test Step 1.11 (Repeat Count = 1) |              | ✓                                  |        |
|-----------------------------------|--------------|------------------------------------|--------|
| Name                              | Input Value  |                                    |        |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 0            |                                    |        |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.0258959997 |                                    |        |
| k_InrtCmp_TBarVelLPFKn_Hz_f32     | 41.2000008   |                                    |        |
| Name                              | Actual Value | Expected Value                     | Result |
| PreDecelGain_Uls_M_f32            | 1            | 1 ± 0.0625                         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 0            | 0 ± 0.00390625                     | •      |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.404131055  | 0.404131025 ± 0.000125655810790826 | ~      |

| Test Step 1.12 (Repeat Count = 1) |              |                                    | <b>✓</b> |
|-----------------------------------|--------------|------------------------------------|----------|
| Name                              | Input Value  |                                    |          |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 5.69869995   |                                    |          |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.632139981  |                                    |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32     | 56.3499985   |                                    |          |
| Name                              | Actual Value | Expected Value                     | Result   |
| PreDecelGain_Uls_M_f32            | 1            | 1 ± 0.0625                         | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 0            | 0 ± 0.00390625                     | ~        |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.507428169  | 0.507428169 ± 0.000125655810790826 | •        |

| Test Step 1.13 (Repeat Count = 1) |              |                                   | <b>✓</b> |
|-----------------------------------|--------------|-----------------------------------|----------|
| Name                              | Input Value  |                                   |          |
| TbarVelFiltSv_M_str.SV_Uls_f32    | -5.14230013  |                                   |          |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.0147850001 |                                   |          |
| k_InrtCmp_TBarVelLPFKn_Hz_f32     | 63.25        | 63.25                             |          |
| Name                              | Actual Value | Expected Value                    | Result   |
| PreDecelGain_Uls_M_f32            | 1            | 1 ± 0.0625                        | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 0            | 0 ± 0.00390625                    | <b>✓</b> |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.54833883   | 0.54833883 ± 0.000125655810790826 | ~        |

2014-09-19, 15:43:25+0530



ADDCoefCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object ADDCoefCalc

#### Instrumentation: Test Object Only

| Statement (C0) Coverage | 100 % |
|-------------------------|-------|
| Branch (C1) Coverage    | 100 % |

#### **Statistics**

| Total Testcases 1 |   |
|-------------------|---|
| Successful        | 1 |
| Failed            | 0 |
| Not Executed      | 0 |



#### **Module Properties**

| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp   |
|------------------------|--|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c   |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include           |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\\$(PROJECTROOT) \NxtrLib\include -I\\$(PROJECTROOT)\\StdDef\include -I\\$(ProgramFiles)\\Texas Instrument\\csv4\\tools\\compiler\\tms470_4.9.5\\include |

| Comments/Description/       | ments/Description/Specification  |  |  |
|-----------------------------|--|--|--|
| Name                        | Text   |  |  |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |  |  |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c   |  |  |
|                             | Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc   |  |  |
|                             | Module Design Document Version: 18 Data Dictionary Version: 16   |  |  |
|                             | Unit Test Plan Version: 6 Optimization Level: Level 2  |  |  |
|                             | Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro  |  |  |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994   |  |  |
|                             | Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328  |  |  |
|                             | Special Test Requirements: Test Date: 09-19-2014   |  |  |
|                             | Comments:  |  |  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |  |  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |  |  |
|                             | Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.   |  |  |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |  |  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |  |  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |  |  |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication. |  |  |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |  |  |
|                             | ***************************************  |  |  |

| Attributes            |   |
|-----------------------|---|
| Name                  | Value   |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |
| Float Precision       | 9   |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |
| Target Install Path   | \$(ProgramFiles)\pls\UDE 3.2  |
| Time Unit             | Cycles  |
| Timer Enabled         | false   |
| Timer Prescale        | 0   |
| Timer Resolution      | 1   |

ADDCoefCalc





| Attributes      |  |
|-----------------|--|
| Name            | Value  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |



#### **Test Case 1: Boundary Test**

#### Specification

Performance Metrics (With "None" Instrumentation and "WithPS"  ${\tt Environment}$  )

CPU Cycles:

1418.00 Cycles 1407.00 Cycles 1440.00 Cycles 1497.00 Cycles 1395.00 Cycles 1440.00 Cycles 1549.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 1549.00 Cycles 1383.00 Cycles 1395.00 Cycles 1407.00 Cycles 1689.00 Cycles 1395.00 Cycles 1395.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.18 1395.00 Cycles 1395.00 Cycles 1429.00 Cycles 1395.00 Cycles 1429.00 Cycles 1429.00 Cycles 1407.00 Cycles 1395.00 Cycles 1395.00 Cycles 1407.00 Cycles 1407.00 Cycles 1407.00 Cycles 1407.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 1407.00 Cycles 1611.00 Cycles 1429.00 Cycles 1395.00 Cycles 1395.00 Cycles 1395.00 Cycles 1395.00 Cycles 1407.00 Cycles 1407.00 Cycles TS1.30 TS1.31 TS1.32 TS1.33 TS1.34 TS1.35 TS1.36 TS1.37

#### Description

#### **Test Vector Description**

TS1 1 All min

TS1.2 All max

TS1.3 BaseAssistCmd\_MtrNm\_T\_f32 min TS1.4 BaseAssistCmd\_MtrNm\_T\_f32 max TS1.5 BaseAssistCmd\_MtrNm\_T\_f32 zero

TS1.6 BaseAssistCmd\_MtrNm\_T\_f32 pos

IS1.6 BaseAssistCmd\_MtrNm\_I\_T32 pos
TS1.7 BaseAssistCmd\_MtrNm\_T\_f32 neg
TS1.8 WIRCmdAmpBInd\_MtrNm\_T\_f32 min
TS1.9 WIRCmdAmpBInd\_MtrNm\_T\_f32 max
TS1.10 WIRCmdAmpBInd\_MtrNm\_T\_f32 pos
TS1.11 VehicleSpeed1\_Kph\_T\_f32 min
TS1.12 VehicleSpeed1\_Kph\_T\_f32 max
TS1.13 VehicleSpeed1\_Kph\_T\_f32 pos
TS1.14 t\_DmpADDCoefX\_MtrNm\_u4p12[10] min
TS1.15 t\_DmpADDCoefX\_MtrNm\_u4p12[10] max
TS1.16 t\_DmpADDCoefX\_MtrNm\_u4p12[10] max

TS1.15 t\_DmpADDCoefX\_MtrNm\_u4p12[10] max
TS1.16 t\_DmpADDCoefX\_MtrNm\_u4p12[10] pos
TS1.17 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] min
TS1.18 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] max
TS1.19 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] pos
TS1.20 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] min
TS1.21 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] max
TS1.22 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] mos
TS1.23 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] min
TS1.24 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] max
TS1.25 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos
TS1.26 t\_WIRBINGTblY\_MtrNmpRadpS\_um1p17[10] pos

TS1.26 TS1.27

TS1.28

L PUD\_ADDState 101 "ullnilipadaps\_t t\_WIRBIndTbIX\_MtrNm\_u8p8[5] min t\_WIRBIndTbIX\_MtrNm\_u8p8[5] max t\_WIRBIndTbIX\_MtrNm\_u8p8[5] pos t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] min t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] max t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] pos TS1.29 TS1.30

TS1.31

TS1.32

TS1 33

TS1.34

TS1.35 TS1 36

t\_CmnVehSpd\_Kph\_u9p7[12] min t\_CmnVehSpd\_Kph\_u9p7[12] max t\_CmnVehSpd\_Kph\_u9p7[12] pos t\_FDD\_BlendTblY\_Uls\_u8p8[12] min t\_FDD\_BlendTblY\_Uls\_u8p8[12] max t\_FDD\_BlendTblY\_Uls\_u8p8[12] pos

| Test Step 1.1 (Repeat Count = 1)                |             | <b>✓</b> |
|---|-------------|----------|
| Name  | Input Value |          |
| BaseAssistCmd_MtrNm_T_f32                       | -8.8        |          |
| VehicleSpeed_Kph_T_f32                          | 0           |          |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 0           |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 0           |          |

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ADDCoefCalc

Name

12 FDD ADDRollingTblYM MtrNmpRadpS um1n17(0)[6]

| Page   Application   Page      |               |   |              |        |
|--|---------------|---|--------------|--------|
| 12_PDI_ADPOINT   Month practs   15_PDI_ADPOINT   |               |   |              |        |
| B_DDA_DRICHINGTONN_Dehmansage_unitoTriple  |               |   |              |        |
| 2_FOLD-ADDRING   TWAN _ JAMPH   ADDRING ADDRING  |               |   |              |        |
| 2.   EDG. D.   |               |   |              |        |
| 2   POLA DOSIONISTAN' AMERICANS (1971)   1   1   1   1   1   1   1   1   1   |               |   |              |        |
| P.P.P.   ADDRESS   P.M.   ADDRESS   D.   P.P.   P.   ADDRESS   D.   ADDRESS   D.   P.   P.   ADDRESS   D.   |               |   |              |        |
| P.   P.   D.   D.   D.   D.   D.   D.  |               |   |              |        |
| 2.   FOLD ADDRIGHT (DAYN), Minhorigates   cunt 1971  5    0  |               |   |              |        |
| 2.500_0000eaing Tarvity_Memberpasts_uniter[7][5]   0     2.500_0000eaing Tarvity_Memberpasts_uniter[7][6]   0     2.500_0000eaing Tarvity_Memberpasts_uniter[7][7]   0     2.500_0000eaing Tarvity_Memberpasts_uniter[7][8]   0     2.500_00000eaing Tarvity_Memberpasts_uniter[7][8]   0     2.500_00000eaing Tarvity_Memberpasts_uniter[7][8]   0     2.500_000000eaing Tarvity_Memberpasts_uniter[7][8]   0     2.500_0000000000000000000000000000000000  |               |   |              |        |
| 2 FEOA DORNININg PMM   Membridges   min 971  |               |   |              |        |
| 2_FDQ_ADRIGNED_TRVM_MempRades_umipTY[II]9   0   1   2_FDQ_ADRIGNED_TRVM_MempRades_umipTY[II]9   0   0   0   0   0   0   0   0   0  |               |   |              |        |
| 2   FDD. ADDRIBUTONIA Michigan Essign, unit p17(1)   0   |               |   |              |        |
| ComveNSS   Ken   1867  |               |   |              |        |
| Comvision   Line   Li   |               |   |              |        |
| Comvivision   Knip   1897 1  |               |   |              |        |
| Commissed_Mail_Nubrit    0   |               |   |              |        |
| Comwessed_Arbissorts   |               |   |              |        |
| Commissed Figh. 198076    0  |               |   |              |        |
| Comvisional Cap. 1, 1975   0   |               |   |              |        |
| Commissed_Kpt_upn7ts   |               |   |              |        |
| Comwinsped_Kph_up0r77  |               |   |              |        |
| Comwissed John Jub 7/8   0   |               |   |              |        |
| Com/Nishod Kni Ug97(9)   0   |               |   |              |        |
| Commission Kin Uspir(10)   |               |   |              |        |
| Com/No.Spd (Kn) u.go/[11]   0  |               |   |              |        |
| DomaADDCoetX, Minhm_usp12(1)   |               |   |              |        |
| DompADDCoeK, Minhim_usp123   |               |   |              |        |
| DimpADDCoeK, Minhim_u4p123   |               |   |              |        |
| DmpADDCocK, Minhm_u4p128  0  |               |   |              |        |
| DmpADDCock, MrNm_ujst2[4]  |               |   |              |        |
| DmpADDCocK, MrNm_usjr12[5]   |               |   |              |        |
| DmpADDCoefV, Mirkim_u4p12[9]   |               |   |              |        |
| DmpADDCoefK_Mrkm_usp12[9]  |               |   |              |        |
| DmpADDCoeff, Mithin_usp12[9]   |               |   |              |        |
| DmpADDCoeft_Mithin_u4p12 9    0  |               |   |              |        |
| FDD _ADDStaticTbY_MtrNmpRadpS_um1p17(0)  |               |   |              |        |
| LFDD_ADDStaticTbtY_MtrNmpRadpS_um1p17{1}   |               |   |              |        |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   0  |               |   |              |        |
| FDD_ADDStaticTblY_MrNmpRadpS_um1p17[3]   0   |               |   |              |        |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  |               |   |              |        |
| LFDD_ADDStaticTbY_MtrNmpRadpS_um1p17[5]   0  |               |   |              |        |
| LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[6]         0           LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[7]         0           LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[8]         0           LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[9]         0           LFDD_BlendTblY_Uls_u8p8[0]         0           LFDD_BlendTblY_Uls_u8p8[1]         0           LFDD_BlendTblY_Uls_u8p8[2]         0           LFDD_BlendTblY_Uls_u8p8[3]         0           LFDD_BlendTblY_Uls_u8p8[4]         0           LFDD_BlendTblY_Uls_u8p8[6]         0           LFDD_BlendTblY_Uls_u8p8[6]         0           LFDD_BlendTblY_Uls_u8p8[7]         0           LFDD_BlendTblY_Uls_u8p8[9]         0           LFDD_BlendTblY_Uls_u8p8[1]         0           LFDD_BlendTblY_Uls_u8p8[1]         0           LFDD_BlendTblY_Uls_u8p8[1]         0           LFDD_BlendTblY_Uls_u2p14[1]         0           LRIASHWIRBIndTblY_Uls_u2p14[1]         0           LRIASHWIRBIndTblY_Uls_u2p14[3]         0           LRIASHWIRBIndTblY_Uls_u2p14[4]         0           LWIRBIndTblX_MtrNm_u8p8[1]         0           LWIRBIndTblX_MtrNm_u8p8[2]         0           LWIRBIndTblX_MtrNm_u8p8[3]         0           LWIRBIndTblX_MtrNm_u8p8[4]         0      <  |               |   |              |        |
| LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[7]     0       LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[8]     0       LFDD_ADDStaticTblY_MtrNmpRadps_um1p17[8]     0       LFDD_BlendTblY_Uls_u8p8[0]     0       LFDD_BlendTblY_Uls_u8p8[1]     0       LFDD_BlendTblY_Uls_u8p8[3]     0       LFDD_BlendTblY_Uls_u8p8[3]     0       LFDD_BlendTblY_Uls_u8p8[6]     0       LFDD_BlendTblY_Uls_u8p8[1]     0       LFDD_BlendTblY_Uls_u8p8[1]     0       LFDD_BlendTblY_Uls_u8p8[1]     0       LFDD_BlendTblY_Uls_u2p14[1]     0       LRASWIRBIndTblY_Uls_u2p14[2]     0       LRASWIRBIndTblY_Uls_u2p14[3]     0       LRASWIRBIndTblY_Uls_u2p14[4]     0       LWRBIndTblX_MtrNm_u8p8[0]     0       LWRBIndTblX_MtrNm_u8p8[1]     0       LWRBIndTblX_MtrNm_u8p8[3]     0       LWRBIndTblX_MtrNm_u8p8[3]     0       LWRBIndTblX_MtrNm_u8p8[4]     0       LWRBIndTblX_MtrNm_u8p8[4]     0       LWRBIndTblX_MtrNm_u8p8[4]<  |               |   |              |        |
| I_FDD_ADDStaticTbin_MtrNmpRadpS_um1p17[8]       0         I_FDD_ADDStaticTbin_MtrNmpRadpS_um1p17[9]       0         I_FDD_BlendTbin_Uls_ub8p8[0]       0         I_FDD_BlendTbin_Uls_ub8p8[1]       0         I_FDD_BlendTbin_Uls_ub8p8[2]       0         I_FDD_BlendTbin_Uls_ub8p8[3]       0         I_FDD_BlendTbin_Uls_ub8p8[4]       0         I_FDD_BlendTbin_Uls_ub8p8[5]       0         I_FDD_BlendTbin_Uls_ub8p8[6]       0         I_FDD_BlendTbin_Uls_ub8p8[7]       0         I_FDD_BlendTbin_Uls_ub8p8[8]       0         I_FDD_BlendTbin_Uls_ub8p8[9]       0         I_FDD_BlendTbin_Uls_ub8p8[10]       0         I_FDD_BlendTbin_Uls_ub8p8[11]       0         I_FDD_BlendTbin_Uls_ub8p8[11]       0         I_FDD_BlendTbin_Uls_ub2p14[0]       0         I_FDD_BlendTbin_Uls_ub2p14[2]       0         I_RIAstWiRBIndTbin_Uls_ub2p14[2]       0         I_RIAstWiRBIndTbin_Uls_ub2p14[3]       0         I_RIAstWiRBIndTbin_Uls_ub2p14[4]       0         I_WiRBIndTbin_MtrNm_ub9p8[0]       0         I_WiRBIndTbin_MtrNm_ub9p8[1]       0         I_WiRBIndTbin_MtrNm_ubp8[2]       0         I_WirRBindTbin_MtrNm_ubp8[3]       0         I_WirRBindTbin_MtrNm_ubp8[4]       0   |               |   |              |        |
| t_FDD_BlendTbiry_Uls_u8p8[0]     0       t_FDD_BlendTbiry_Uls_u8p8[1]     0       t_FDD_BlendTbiry_Uls_u8p8[1]     0       t_FDD_BlendTbiry_Uls_u8p8[2]     0       t_FDD_BlendTbiry_Uls_u8p8[3]     0       t_FDD_BlendTbiry_Uls_u8p8[6]     0       t_FDD_BlendTbiry_Uls_u8p8[6]     0       t_FDD_BlendTbiry_Uls_u8p8[7]     0       t_FDD_BlendTbiry_Uls_u8p8[8]     0       t_FDD_BlendTbiry_Uls_u8p8[9]     0       t_FDD_BlendTbiry_Uls_u8p8[10]     0       t_FDD_BlendTbiry_Uls_u8p8[11]     0       t_RIAstWiRBIndTbiry_Uls_u2p14[0]     0       t_RIAstWiRBIndTbiry_Uls_u2p14[2]     0       t_RIAstWiRBIndTbiry_Uls_u2p14[3]     0       t_RIAstWiRBIndTbiry_Uls_u2p14[4]     0       t_WiRBIndTbix_MirNm_u8p8[0]     0       t_WiRBIndTbix_MirNm_u8p8[1]     0       t_WiRBIndTbix_MirNm_u8p8[2]     0       t_WiRBIndTbix_MirNm_u8p8[3]     0       t_WiRBIndTbix_MirNm_u8p8[4]     0       t_WirRB  |               | - |              |        |
| t_FDD_BlendTblY_Uls_u8p8[0] 0 t_FDD_BlendTblY_Uls_u8p8[1] 0 t_FDD_BlendTblY_Uls_u8p8[2] 0 t_FDD_BlendTblY_Uls_u8p8[3] 0 t_FDD_BlendTblY_Uls_u8p8[3] 0 t_FDD_BlendTblY_Uls_u8p8[4] 0 t_FDD_BlendTblY_Uls_u8p8[5] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RlastWiRBindTblY_Uls_u2p14[0] 0 t_RlastWiRBindTblY_Uls_u2p14[2] 0 t_RlastWiRBindTblY_Uls_u2p14[2] 0 t_RlastWiRBindTblY_Uls_u2p14[2] 0 t_RlastWiRBindTblY_Uls_u2p14[3] 0 t_RilastWiRBindTblY_Uls_u2p14[4] 0 t_WiRBindTblX_MtrNm_u8p8[0] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[2] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBin |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[1] 0 t_FDD_BlendTblY_Uls_u8p8[2] 0 t_FDD_BlendTblY_Uls_u8p8[3] 0 t_FDD_BlendTblY_Uls_u8p8[4] 0 t_FDD_BlendTblY_Uls_u8p8[5] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAStWIRBIndTblY_Uls_u8p8[11] 0 t_RIAStWIRBIndTblY_Uls_u2p14[1] 0 t_RIAStWIRBIndTblY_Uls_u2p14[1] 0 t_RIAStWIRBIndTblY_Uls_u2p14[2] 0 t_RIAStWIRBIndTblY_Uls_u2p14[3] 0 t_RIAStWIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[1] 0 t_WIRBIndTblX_MtrNm_u8p8[2] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[4] 0 t_WIRBINDT |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[2] 0 t_FDD_BlendTblY_Uls_u8p8[3] 0 t_FDD_BlendTblY_Uls_u8p8[4] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAstWiRBindTblY_Uls_u2p14[0] 0 t_RIAstWiRBindTblY_Uls_u2p14[1] 0 t_RIAstWiRBindTblY_Uls_u2p14[1] 0 t_RIAstWiRBindTblY_Uls_u2p14[2] 0 t_RIAstWiRBindTblY_Uls_u2p14[2] 0 t_RIAstWiRBindTblY_Uls_u2p14[4] 0 t_WiRBindTblX_MtrNm_u8p8[0] 0 t_WiRBindTblX_MtrNm_u8p8[0] 0 t_WiRBindTblX_MtrNm_u8p8[1] 0 t_WiRBindTblX_MtrNm_u8p8[2] 0 t_WiRBindTblX_MtrNm_u8p8[2] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[3] 0 t_WiRBindTblX_MtrNm_u8p8[4] 0 t_WiRBind |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[3] 0  t_FDD_BlendTblY_Uls_u8p8[4] 0  t_FDD_BlendTblY_Uls_u8p8[5] 0  t_FDD_BlendTblY_Uls_u8p8[6] 0  t_FDD_BlendTblY_Uls_u8p8[7] 0  t_FDD_BlendTblY_Uls_u8p8[7] 0  t_FDD_BlendTblY_Uls_u8p8[9] 0  t_FDD_BlendTblY_Uls_u8p8[9] 0  t_FDD_BlendTblY_Uls_u8p8[10] 0  t_FDD_BlendTblY_Uls_u8p8[10] 0  t_FDD_BlendTblY_Uls_u8p8[11] 0  t_RlastWiRBindTblY_Uls_u2p14[0] 0  t_RlastWiRBindTblY_Uls_u2p14[1] 0  t_RlastWiRBindTblY_Uls_u2p14[2] 0  t_RlastWiRBindTblY_Uls_u2p14[2] 0  t_RlastWiRBindTblY_Uls_u2p14[4] 0  t_WiRBindTblX_MtrNm_u8p8[0] 0  t_WiRBindTblX_MtrNm_u8p8[1] 0  t_WiRBindTblX_MtrNm_u8p8[2] 0  t_WiRBindTblX_MtrNm_u8p8[3] 0  t_WiRBindTblX_MtrNm_u8p8[3] 0  t_WiRBindTblX_MtrNm_u8p8[4] 0  t_WiRBin |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[4] 0 t_FDD_BlendTblY_Uls_u8p8[5] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAstWiRBindTblY_Uls_u2p14[0] 0 t_RIAstWiRBindTblY_Uls_u2p14[1] 0 t_RIAstWiRBindTblY_Uls_u2p14[2] 0 t_RIAstWiRBindTblY_Uls_u2p14[3] 0 t_RIAstWiRBindTblY_Uls_u2p14[4] 0 t_WiRBindTblX_MirNm_u8p8[0] 0 t_WiRBindTblX_MirNm_u8p8[1] 0 t_WiRBindTblX_Mirnm_u8p8[3] 0 t_WiRBindTblX_Mirnm_u8p8[3] 0 t_WiRBindTblX_Mirnm_u8p8[4] 0 t_WiRBindTblX_ |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[5] 0 t_FDD_BlendTblY_Uls_u8p8[6] 0 t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAStWIRBIndTblY_Uls_u2p14[0] 0 t_RIAStWIRBIndTblY_Uls_u2p14[2] 0 t_RIAStWIRBIndTblY_Uls_u2p14[3] 0 t_RIAStWIRBIndTblY_Uls_u2p14[4] 0 t_RIAStWIRBIndTblY_Uls_u2p14[4] 0 t_RIAStWIRBIndTblY_Uls_u2p14[4] 0 t_RIAStWIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[2] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[4] 0 Name   |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[6] 0  t_FDD_BlendTblY_Uls_u8p8[7] 0  t_FDD_BlendTblY_Uls_u8p8[8] 0  t_FDD_BlendTblY_Uls_u8p8[9] 0  t_FDD_BlendTblY_Uls_u8p8[10] 0  t_FDD_BlendTblY_Uls_u8p8[11] 0  t_RIAstWIRBIndTblY_Uls_u2p14[0] 0  t_RIAstWIRBIndTblY_Uls_u2p14[2] 0  t_RIAstWIRBIndTblY_Uls_u2p14[3] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_RIAstWIRBIndTblY_Uls_u2p14[4] 0  t_WIRBIndTblX_MtrNm_u8p8[0] 0  t_WIRBIndTblX_MtrNm_u8p8[1] 0  t_WIRBIndTblX_MtrNm_u8p8[3] 0  t_WIRBIndTblX_MtrNm_u8p8[4] 0  Name  |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[8] 0 t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAstWIRBIndTblY_Uls_u2p14[0] 0 t_RIAstWIRBIndTblY_Uls_u2p14[1] 0 t_RIAstWIRBIndTblY_Uls_u2p14[2] 0 t_RIAstWIRBIndTblY_Uls_u2p14[3] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[1] 0 t_WIRBIndTblX_MtrNm_u8p8[2] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[4] 0 t_ |               |   |              |        |
| t_FDD_BlendTblY_UIs_u8p8[8]       0         t_FDD_BlendTblY_UIs_u8p8[10]       0         t_FDD_BlendTblY_UIs_u8p8[11]       0         t_FDD_BlendTblY_UIs_u2p14[0]       0         t_RIAstWIRBIndTblY_UIs_u2p14[1]       0         t_RIAstWIRBIndTblY_UIs_u2p14[2]       0         t_RIAstWIRBIndTblY_UIs_u2p14[3]       0         t_RIAstWIRBIndTblY_UIs_u2p14[4]       0         t_WIRBIndTblY_MIrNm_u8p8[0]       0         t_WIRBIndTblX_MIrNm_u8p8[1]       0         t_WIRBIndTblX_MIrNm_u8p8[2]       0         t_WIRBIndTblX_MIrNm_u8p8[3]       0         t_WIRBIndTblX_MIrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result   |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] 0 t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAstWIRBIndTblY_Uls_u2p14[0] 0 t_RIAstWIRBIndTblY_Uls_u2p14[1] 0 t_RIAstWIRBIndTblY_Uls_u2p14[2] 0 t_RIAstWIRBIndTblY_Uls_u2p14[3] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[1] 0 t_WIRBIndTblX_MtrNm_u8p8[2] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[4] 0 t_WIRBIndTb |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[10]       0         t_FDD_BlendTblY_Uls_u2p14[0]       0         t_RIAstWIRBIndTblY_Uls_u2p14[1]       0         t_RIAstWIRBIndTblY_Uls_u2p14[2]       0         t_RIAstWIRBIndTblY_Uls_u2p14[3]       0         t_RIAstWIRBIndTblY_Uls_u2p14[4]       0         t_RIAstWIRBIndTblY_MtrNm_u8p8[0]       0         t_WIRBIndTblX_MtrNm_u8p8[1]       0         t_WIRBIndTblX_MtrNm_u8p8[2]       0         t_WIRBIndTblX_MtrNm_u8p8[3]       0         t_WIRBIndTblX_MtrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result   |               |   |              |        |
| t_FDD_BlendTblY_Uls_u8p8[11] 0 t_RIAstWIRBIndTblY_Uls_u2p14[0] 0 t_RIAstWIRBIndTblY_Uls_u2p14[1] 0 t_RIAstWIRBIndTblY_Uls_u2p14[2] 0 t_RIAstWIRBIndTblY_Uls_u2p14[3] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_RIAstWIRBIndTblY_Uls_u2p14[4] 0 t_WIRBIndTblX_MtrNm_u8p8[0] 0 t_WIRBIndTblX_MtrNm_u8p8[1] 0 t_WIRBIndTblX_MtrNm_u8p8[2] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[3] 0 t_WIRBIndTblX_MtrNm_u8p8[4] Result  |               |   |              |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[1]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[2]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[3]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[4]       0         t_WIRBIndTbIX_MtrNm_u8p8[0]       0         t_WIRBIndTbIX_MtrNm_u8p8[1]       0         t_WIRBIndTbIX_MtrNm_u8p8[2]       0         t_WIRBIndTbIX_MtrNm_u8p8[3]       0         t_WIRBIndTbIX_MtrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result  |               |   |              |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1] 0 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 0 t_RIAstWIRBIndTbIY_UIs_u2p14[3] 0 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 0 t_WIRBIndTbIX_MtrNm_u8p8[0] 0 t_WIRBIndTbIX_MtrNm_u8p8[1] 0 t_WIRBIndTbIX_MtrNm_u8p8[2] 0 t_WIRBIndTbIX_MtrNm_u8p8[3] 0 t_WIRBIndTbIX_MtrNm_u8p8[3] 0 t_WIRBIndTbIX_MtrNm_u8p8[4] Result   |               |   |              |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[3]       0         t_RIAstWIRBIndTbIY_UIs_u2p14[4]       0         t_WIRBIndTbIX_MtrNm_u8p8[0]       0         t_WIRBIndTbIX_MtrNm_u8p8[1]       0         t_WIRBIndTbIX_MtrNm_u8p8[2]       0         t_WIRBIndTbIX_MtrNm_u8p8[3]       0         t_WIRBIndTbIX_MtrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result  |               |   |              |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3] 0 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 0 t_WIRBIndTbIX_MtrNm_u8p8[0] 0 t_WIRBIndTbIX_MtrNm_u8p8[1] 0 t_WIRBIndTbIX_MtrNm_u8p8[2] 0 t_WIRBIndTbIX_MtrNm_u8p8[3] 0 t_WIRBIndTbIX_MtrNm_u8p8[4] 0 t_WIRBIndTbIX_MtrNm_u8p8[4] 0 t_WIRBIndTbIX_MtrNm_u8p8[4] 0 t_WIRBIndTbIX_MtrNm_u8p8[4] Result   |               |   |              |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[4]       0         t_WIRBIndTblX_MtrNm_u8p8[0]       0         t_WIRBIndTblX_MtrNm_u8p8[1]       0         t_WIRBIndTblX_MtrNm_u8p8[2]       0         t_WIRBIndTblX_MtrNm_u8p8[3]       0         t_WIRBIndTblX_MtrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result  |               |   |              |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]       0         t_WIRBIndTbIX_MtrNm_u8p8[1]       0         t_WIRBIndTbIX_MtrNm_u8p8[2]       0         t_WIRBIndTbIX_MtrNm_u8p8[3]       0         t_WIRBIndTbIX_MtrNm_u8p8[4]       0         Name       Actual Value       Expected Value       Result  |               |   |              |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]         0           t_WIRBIndTbIX_MtrNm_u8p8[2]         0           t_WIRBIndTbIX_MtrNm_u8p8[3]         0           t_WIRBIndTbIX_MtrNm_u8p8[4]         0           Name         Actual Value         Expected Value         Result  |               |   |              |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]         0           t_WIRBIndTbIX_MtrNm_u8p8[3]         0           t_WIRBIndTbIX_MtrNm_u8p8[4]         0           Name         Actual Value         Expected Value         Result  |               |   |              |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]         0           t_WIRBIndTbIX_MtrNm_u8p8[4]         0           Name         Actual Value         Expected Value         Result  |               |   |              |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]         0           Name         Actual Value         Expected Value         Result  |               |   |              |        |
| Name Actual Value Expected Value Result  |               |   |              |        |
| ·  |               |   | I=           |        |
| ADDCoefCalc() 0 0 ± 0.000009 ✓   |               |   | •            | Result |
|  | ADDCoefCalc() | U | 0 ± 0.000009 |        |





| T                           |       |                             |       | <b>√</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | -        |

| Test Step 1.2 (Repeat Count = 1)   |                |
|--|----------------|
| Name   | Input Value    |
| BaseAssistCmd_MtrNm_T_f32  | 8.8            |
| VehicleSpeed_Kph_T_f32   | 511.9921875    |
| WIRCmdAmpBlnd_MtrNm_T_f32<br>t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                       | 8.8<br>6554    |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 6554           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]<br>t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 6554<br>6554   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]    | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]  | 6554           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]  | 6554           |
| t_CmnVehSpd_Kph_u9p7[0]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[1]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[2]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[3]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[4]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[5]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[6]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[7]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[8]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[9]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[10]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[11]   | 32640<br>36045 |
| t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[2]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 36045          |
| t DmpADDCoefX MtrNm u4p12[4]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[5]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[6]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[7]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[8]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[9]   | 36045          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 6554<br>6554   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]               | 6554           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 6554           |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 256            |
| t_FDD_BlendTbIY_Uls_u8p8[6]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 256            |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 256            |

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| Name                            | Input Value  |                          |        |
|---------------------------------|--------------|--------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[9]     | 256          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 256          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 256          |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0] | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2] | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 16384        |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 2048         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 2048         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 2048         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 2048         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 2048         |                          |        |
| Name                            | Actual Value | Expected Value           | Result |
| ADDCoefCalc()                   | 0.0500030518 | 0.050003052 + 0.00000009 |        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Test Step 1.3 (Repeat Count = 1)                |             |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | -8.8        |
| VehicleSpeed_Kph_T_f32                          | 12.32       |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 5.2         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 161         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 328         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 494         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 661         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 827         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 994         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1160        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1326        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1659        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 342         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 683         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1024        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] | 1364        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] | 1705        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5] | 2046        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 2387        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] | 2728        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 3068        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 3409        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 128         |
| t_CmnVehSpd_Kph_u9p7[1]                         | 256         |
| t_CmnVehSpd_Kph_u9p7[2]                         | 384         |
| t_CmnVehSpd_Kph_u9p7[3]                         | 512         |
| t_CmnVehSpd_Kph_u9p7[4]                         | 640         |
| t_CmnVehSpd_Kph_u9p7[5]                         | 768         |
| t_CmnVehSpd_Kph_u9p7[6]                         | 896         |
| t_CmnVehSpd_Kph_u9p7[7]                         | 1024        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 1152        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 1280        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 1408        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 1536        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 4506        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 4915        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 5325        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 5734        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 6144        |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 6554        |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 6963        |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 7373        |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 7782        |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 8192        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 523         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 1038        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 1553        |
|   |             |

ADDCoefCalc

ADDCoefCalc()

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0.036934882 ± 0.00000009

| Name                                      | Input Value  |                |        |
|---|--------------|----------------|--------|
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2068         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2583         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3099         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 3614         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4129         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4644         |                |        |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] | 5159         |                |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 3            |                |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 5            |                |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 8            |                |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 10           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 13           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 15           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 18           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 20           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 23           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 26           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 28           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 31           |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]           | 1638         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]           | 3277         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]           | 4915         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]           | 6554         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]           | 8192         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 282          |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 307          |                |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]               | 333          |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 358          |                |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]               | 384          |                |        |
| Name                                      | Actual Value | Expected Value | Result |
|   |              |                | 1      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

0.0369348824

| Test Step 1.4 (Repeat Count = 1)                | <b>√</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 8.8         |
| VehicleSpeed Kph T f32                          | 24          |
| WIRCmdAmpBlnd MtrNm T f32                       | 6.5         |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0] | 342         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 683         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1024        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1364        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1705        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 2046        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 2387        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2728        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 3068        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 3409        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 523         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1038        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1553        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2068        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2583        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3099        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3614        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4129        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4644        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5159        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 2560        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 3840        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 5120        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 6400        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 7680        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 8960        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 10240       |
| t_CmnVehSpd_Kph_u9p7[7]                         | 11520       |
| t_CmnVehSpd_Kph_u9p7[8]                         | 12800       |



| 400 | C    | 0010 |
|-----|------|------|
| ADD | Coef | Caic |

| 7.2200.00.0                               |              | •                        |       |
|---|--------------|--------------------------|-------|
| Name                                      | Input Value  |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]                   | 14080        |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]                  | 15360        |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]                  | 16640        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 8602         |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 9011         |                          |       |
| t DmpADDCoefX MtrNm u4p12[2]              | 9421         |                          |       |
| t DmpADDCoefX MtrNm u4p12[3]              | 9830         |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 10240        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 10650        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 11059        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 11469        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 11878        |                          |       |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 12288        |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 704          |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 814          |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 924          |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1034         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 1144         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 1254         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1364         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1475         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1585         |                          |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 1695         |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 5            |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 8            |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 10           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 13           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 15           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 18           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 20           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 23           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 26           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 28           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 31           |                          |       |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 33           |                          |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 3277         |                          |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]           | 4915         |                          |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]           | 6554         |                          |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]           | 8192         |                          |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]           | 9830         |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 538          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 563          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 589          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 614          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 640          |                          |       |
| Name                                      | Actual Value | Expected Value           | Resul |
| ADDCoefCalc()                             | 0.013426058  | 0.013426058 ± 0.00000009 | •     |
|   |              |                          |       |

| Τ |                             |       |                             |       |      | <b>✓</b> |
|---|-----------------------------|-------|-----------------------------|-------|------|----------|
|   | Actual Function             | Count | Expected Function           | Count | Resu | lt       |
|   | IntolVarXY u16 u16Xu16Y Cnt | 5     | IntolVarXY u16 u16Xu16Y Cnt | 5     |      | _        |

| Test Step 1.5 (Repeat Count = 1)                |             |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 0           |
| VehicleSpeed_Kph_T_f32                          | 36.25       |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 7.3         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 523         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1038        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1553        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2068        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2583        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3099        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3614        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4129        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4644        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 5159        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 704         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 814         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 924         |

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| Manage  | Inner A Welling     |                          |        |
|---|---------------------|--------------------------|--------|
| Name  | Input Value<br>1034 |                          |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   | 1144                |                          |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1254                |                          |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 1364                |                          |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]   | 1475                |                          |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   | 1585                |                          |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]   | 1695                |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]   | 6784                |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]   | 6912                |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]   | 7040                |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]   | 7168                |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]   | 7296                |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]   | 7424                |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]   | 7552                |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]   | 7680                |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]   | 7808                |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]   | 7936                |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]  | 8064                |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]  | 8192                |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 12698               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 13107               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 13517               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 13926               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 14336               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 14746               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 15155               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 15565               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 15974               |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 16384               |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 885                 |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]   | 986                 |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 1087<br>1188        |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]   | 1288                |                          |        |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]<br>t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]          | 1389                |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 1490                |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 1591                |                          |        |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]   | 1692                |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 1793                |                          |        |
| t FDD BlendTblY Uls u8p8[0]   | 10                  |                          |        |
| t FDD BlendTblY Uls u8p8[1]   | 13                  |                          |        |
| t FDD BlendTblY Uls u8p8[2]   | 15                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]   | 18                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 20                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 23                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 26                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]   | 28                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 31                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 33                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]  | 36                  |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 38                  |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 4915                |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]   | 6554                |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]   | 8192                |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]   | 9830                |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]   | 11469               |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 794                 |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 819                 |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]   | 845                 |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 870                 |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]   | 896                 | I=                       | 1_     |
| Name  | Actual Value        | Expected Value           | Result |
| ADDCoefCalc()   | 0.00668188976       | 0.00668189 ± 0.000000009 | ~      |

| Τ                           |       |                             | <b>✓</b> |        |
|-----------------------------|-------|-----------------------------|----------|--------|
| Actual Function             | Count | Expected Function           | Count    | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5        |        |





| Test Step 1.6 (Repeat Count = 1)   |                |
|--|----------------|
| Name   | Input Value    |
| BaseAssistCmd MtrNm T f32  | 5.25           |
| VehicleSpeed_Kph_T_f32   | 48.12          |
| WIRCmdAmpBInd_MtrNm_T_f32  | 8.1            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 704            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 814            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]  | 924            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 1034           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 1144           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]<br>t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1254<br>1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 1475           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 1585           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 1695           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]  | 885            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 986            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]  | 1087           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 1188           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 1288           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]  | 1389           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]  | 1490           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 1591<br>1692   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]    | 1793           |
| t CmnVehSpd Kph u9p7[0]  | 128            |
| t_CmnVehSpd_Kph_u9p7[1]  | 256            |
| t_CmnVehSpd_Kph_u9p7[2]  | 384            |
| t_CmnVehSpd_Kph_u9p7[3]  | 512            |
| t_CmnVehSpd_Kph_u9p7[4]  | 640            |
| t_CmnVehSpd_Kph_u9p7[5]  | 768            |
| t_CmnVehSpd_Kph_u9p7[6]  | 896            |
| t_CmnVehSpd_Kph_u9p7[7]  | 1024           |
| t_CmnVehSpd_Kph_u9p7[8]  | 1152<br>1280   |
| t_CmnVehSpd_Kph_u9p7[9]<br>t_CmnVehSpd_Kph_u9p7[10]  | 1408           |
| t_CmnVehSpd_Kph_u9p7[11]   | 1536           |
| t_DmpADDCoefX_MtrNm_u4p12[0]   | 16794          |
| t_DmpADDCoefX_MtrNm_u4p12[1]   | 17203          |
| t_DmpADDCoefX_MtrNm_u4p12[2]   | 17613          |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 18022          |
| t_DmpADDCoefX_MtrNm_u4p12[4]   | 18432          |
| t_DmpADDCoefX_MtrNm_u4p12[5]   | 18842          |
| t_DmpADDCoefX_MtrNm_u4p12[6]   | 19251          |
| t_DmpADDCoefX_MtrNm_u4p12[7]   | 19661<br>20070 |
| t_DmpADDCoefX_MtrNm_u4p12[8]<br>t_DmpADDCoefX_MtrNm_u4p12[9]                                       | 20480          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 1066           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 1212           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 1359           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 1506           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 1653           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 1800           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 1946           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 2093           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 2240           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] t_FDD_BlendTblY_Uls_u8p8[0]                              | 2387<br>13     |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 15             |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 18             |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 20             |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 23             |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 26             |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 28             |
| t_FDD_BlendTbIY_Uls_u8p8[7]  | 31             |
| t_FDD_BlendTbIY_Uls_u8p8[8]  | 33             |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 36             |
| t_FDD_BlendTblY_Uls_u8p8[10]   | 38             |
| t_FDD_BlendTblY_UIs_u8p8[11]   | 41             |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]<br>t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                 | 6554<br>8192   |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 9830           |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]  | 11469          |
|  | -              |

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| Name                            | Input Value |
|---------------------------------|-------------|
| t_RIAstWIRBIndTblY_Uls_u2p14[4] | 13107       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1050        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     |             |





| Name                            | Input Value  |                           |          |
|---------------------------------|--------------|---------------------------|----------|
| t FDD BlendTblY Uls u8p8[0]     | 15           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[1]     | 18           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[2]     | 20           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[3]     | 23           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[4]     | 26           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[5]     | 28           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[6]     | 31           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[7]     | 33           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[8]     | 36           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[9]     | 38           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 41           |                           |          |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 44           |                           |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0] | 8192         |                           |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 9830         |                           |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2] | 11469        |                           |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 13107        |                           |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 14746        |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1306         |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1331         |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1357         |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1382         |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1408         |                           |          |
| Name                            | Actual Value | Expected Value            | Result   |
| ADDCoefCalc()                   | 0.0190629773 | 0.0190629773 ± 0.00000009 | <b>✓</b> |

| T                           |       | <b>✓</b>                    |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

| Test Step 1.8 (Repeat Count = 1)  ✓             |             |  |
|---|-------------|--|
| Name  | Input Value |  |
| BaseAssistCmd_MtrNm_T_f32                       | 1.1         |  |
| VehicleSpeed_Kph_T_f32                          | 72.35       |  |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1066        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1212        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1359        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1506        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1653        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 1800        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1946        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2093        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 2240        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 2387        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1246        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1638        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2030        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2422        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2814        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3206        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3598        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 3990        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4382        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 4774        |  |
| t_CmnVehSpd_Kph_u9p7[0]                         | 12800       |  |
| t_CmnVehSpd_Kph_u9p7[1]                         | 12928       |  |
| t_CmnVehSpd_Kph_u9p7[2]                         | 13056       |  |
| t_CmnVehSpd_Kph_u9p7[3]                         | 13184       |  |
| t_CmnVehSpd_Kph_u9p7[4]                         | 13312       |  |
| t_CmnVehSpd_Kph_u9p7[5]                         | 13440       |  |
| t_CmnVehSpd_Kph_u9p7[6]                         | 13568       |  |
| t_CmnVehSpd_Kph_u9p7[7]                         | 13696       |  |
| t_CmnVehSpd_Kph_u9p7[8]                         | 13824       |  |
| t_CmnVehSpd_Kph_u9p7[9]                         | 13952       |  |
| t_CmnVehSpd_Kph_u9p7[10]                        | 14080       |  |
| t_CmnVehSpd_Kph_u9p7[11]                        | 14208       |  |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 24986       |  |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 25395       |  |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 25805       |  |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 26214       |  |

ADDCoefCalc

ADDCoefCalc()

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| Name                                      | Input Value  |                          |        |
|---|--------------|--------------------------|--------|
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 26624        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 27034        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 27443        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 27853        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 28262        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 28672        |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1427         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 1655         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1884         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2112         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2340         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 2568         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 2796         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 3024         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 3252         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 3480         |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 18           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 20           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 23           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 26           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 28           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 31           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 33           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 36           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 38           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 41           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 44           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 46           |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 1638         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 3277         |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]           | 4915         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 6554         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 8192         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1562         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1587         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1613         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1638         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1664         |                          |        |
| Name                                      | Actual Value | Expected Value           | Result |
| ADDCoofColo()                             | 0.0407024446 | 0.040703444 + 0.00000000 |        |

| T                           |       |                             |       | V        |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     | <b>✓</b> |

0.0107031446

0.010703144 ± 0.00000009

| Test Step 1.9 (Repeat Count = 1)                | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 1.2         |
| VehicleSpeed_Kph_T_f32                          | 84          |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 8.8         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1246        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1638        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2030        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2422        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2814        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3206        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3598        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 3990        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4382        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 4774        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1427        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1655        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1884        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2112        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2340        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 2568        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 2796        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 3024        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 3252        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 3480        |

ADDCoefCalc

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| Name   | Input Value  |                |        |
|--|--------------|----------------|--------|
| t_CmnVehSpd_Kph_u9p7[0]  | 15488        |                |        |
| t_CmnVehSpd_Kph_u9p7[1]  | 15616        |                |        |
| t_CmnVehSpd_Kph_u9p7[2]  | 15744        |                |        |
| t_CmnVehSpd_Kph_u9p7[3]  | 15872        |                |        |
| t CmnVehSpd Kph u9p7[4]  | 16000        |                |        |
| t_CmnVehSpd_Kph_u9p7[5]  | 16128        |                |        |
| t_CmnVehSpd_Kph_u9p7[6]  | 16256        |                |        |
| t_CmnVehSpd_Kph_u9p7[7]  | 16384        |                |        |
| t_CmnVehSpd_Kph_u9p7[8]  | 16512        |                |        |
| t_CmnVehSpd_Kph_u9p7[9]  | 16640        |                |        |
| t CmnVehSpd Kph u9p7[10]   | 16768        |                |        |
| t_CmnVehSpd_Kph_u9p7[11]   | 16896        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                                       | 28262        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                                       | 28672        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                                       | 29082        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                                       | 29491        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                                       | 29901        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]                                       | 30310        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]                                       | 30720        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]                                       | 31130        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]                                       | 31539        |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]                                       | 31949        |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                          | 1608         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                          | 2032         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                          | 2455         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                          | 2878         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                          | 3302         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                          | 3725         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                          | 4148         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                          | 4572         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                          | 4995         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                          | 5419         |                |        |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 20           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 23           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 26           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 28           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 31           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 33           |                |        |
|  | 36           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 38           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[7]  |              |                |        |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 41           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 44           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[10]                                       | 46           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[11]                                       | 3277         |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]                                    | 4915         |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                    |              |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]<br>t_RIAstWIRBIndTbIY_UIs_u2p14[3] | 8192         |                |        |
|  |              |                |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[4]                                    | 9830         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1766         |                |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 1792         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1818         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1843         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1869         | I=             |        |
| Name   | Actual Value | Expected Value | Result |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

0.0121170254

| Test Step 1.10 (Repeat Count = 1)               |             | V |
|---|-------------|---|
| Name  | Input Value |   |
| BaseAssistCmd_MtrNm_T_f32                       | 1.3         |   |
| VehicleSpeed_Kph_T_f32                          | 96.14       |   |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 4.25        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1427        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1655        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1884        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2112        |   |

ADDCoefCalc()

0.012117026 ± 0.00000009

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| Name  | Input Value       |  |        |
|---|-------------------|--|--------|
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                                     | 2340              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                                     | 2568              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                                     | 2796              |  |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                                     | 3024              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                                     | 3252              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                                     | 3480              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                                     | 1608              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                                     | 2032              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                                     | 2455              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                                     | 2878              |  |        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]                                     | 3302              |  |        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]                                     | 3725              |  |        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]                                     | 4148              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                                     | 4572              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                                     | 4995              |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                                     | 5419              |  |        |
| t_CmnVehSpd_Kph_u9p7[0]   | 10368             |  |        |
| t_CmnVehSpd_Kph_u9p7[1]   | 10496             |  |        |
| t_CmnVehSpd_Kph_u9p7[2]   | 10624             |  |        |
|   | 10752             |  |        |
| t_CmnVehSpd_Kph_u9p7[3]   |                   |  |        |
| t_CmnVehSpd_Kph_u9p7[4]   | 10880             |  |        |
| t_CmnVehSpd_Kph_u9p7[5]   | 11008             |  |        |
| t_CmnVehSpd_Kph_u9p7[6]   | 11136             |  |        |
| t_CmnVehSpd_Kph_u9p7[7]   | 11264             |  |        |
| t_CmnVehSpd_Kph_u9p7[8]   | 11392             |  |        |
| t_CmnVehSpd_Kph_u9p7[9]   | 11520             |  |        |
| t_CmnVehSpd_Kph_u9p7[10]  | 11648             |  |        |
| t_CmnVehSpd_Kph_u9p7[11]  | 11776             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 24986             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 25395             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 25805             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 26214             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 26624             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 27034             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 27443             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 27853             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 28262             |  |        |
|   | 28672             |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]  |                   |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 1789              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]   | 2130              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 2471              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]   | 2811              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]   | 3152              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 3493              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 3834              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 4175              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   | 4515              |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 4856              |  |        |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 49                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[1]   | 51                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[2]   | 54                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[3]   | 57                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 60                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 63                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 66                |  |        |
| t FDD BlendTblY Uls u8p8[7]   | 68                |  |        |
|   |                   |  |        |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 71                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 74                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[10]  | 77                |  |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 80                |  |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 4915              |  |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]   | 6554              |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]   | 8192              |  |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 9830              |  |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]   | 11469             |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 410               |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 435               |  |        |
|   |                   |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 461               |  |        |
|   |                   |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 461               |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4] | 461<br>486<br>512 | Expected Value                         | Result |
| t_WIRBIndTbIX_MtrNm_u8p8[2]<br>t_WIRBIndTbIX_MtrNm_u8p8[3]                          | 461<br>486        | Expected Value 0.013087993 ± 0.0000009 | Result |





| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | -      |

| Test Step 1.11 (Repeat Count = 1)  |                |  |
|--|----------------|--|
| Name   | Input Value    |  |
| BaseAssistCmd_MtrNm_T_f32  | 1.4            |  |
| VehicleSpeed_Kph_T_f32   | 0              |  |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 1.1            |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 1608           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 2032           |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]   | 2455           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 2878           |  |
| l2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 3302           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 3725           |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   | 4148           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 4572           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 4995           |  |
| l2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 5419           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]  | 1789           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 2130           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 2471           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 2811           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 3152           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]  | 3493           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]  | 3834           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]  | 4175           |  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]  | 4515           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]  | 4856           |  |
| t_CmnVehSpd_Kph_u9p7[0]  | 5248           |  |
| t_CmnVehSpd_Kph_u9p7[1]  | 5376           |  |
| t_CmnVehSpd_Kph_u9p7[2]  | 5504           |  |
| t_CmnVehSpd_Kph_u9p7[3]  | 5632           |  |
| t_CmnVehSpd_Kph_u9p7[4]  | 5760           |  |
| t_CmnVehSpd_Kph_u9p7[5]  | 5888           |  |
| t_CmnVehSpd_Kph_u9p7[6]  | 6016           |  |
| t_CmnVehSpd_Kph_u9p7[7]  | 6144           |  |
| t_CmnVehSpd_Kph_u9p7[8]  | 6272           |  |
| t_CmnVehSpd_Kph_u9p7[9]  | 6400           |  |
| t_CmnVehSpd_Kph_u9p7[10]   | 6528           |  |
| t_CmnVehSpd_Kph_u9p7[11]   | 6656           |  |
| t_DmpADDCoefX_MtrNm_u4p12[0]   | 28262          |  |
| t_DmpADDCoefX_MtrNm_u4p12[1]   | 28672          |  |
| t_DmpADDCoefX_MtrNm_u4p12[2]   | 29082          |  |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 29491          |  |
| t_DmpADDCoefX_MtrNm_u4p12[4]   | 29901<br>30310 |  |
| t_DmpADDCoefX_MtrNm_u4p12[5]   | 30720          |  |
| t_DmpADDCoefX_MtrNm_u4p12[6]   |                |  |
| t_DmpADDCoefX_MtrNm_u4p12[7]   | 31130          |  |
| t_DmpADDCoefX_MtrNm_u4p12[8]   | 31539<br>31949 |  |
| t_DmpADDCoefX_MtrNm_u4p12[9] t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]                 |                |  |
|  | 161            |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 328<br>494     |  |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]    | 661            |  |
|  | 827            |  |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]<br>t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] | 994            |  |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]  | 1160           |  |
|  | 1326           |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  |                |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 1493<br>1659   |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  |                |  |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 65             |  |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 68             |  |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 70             |  |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 73             |  |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 75             |  |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 78             |  |
| t_FDD_BlendTbIY_Uls_u8p8[6]<br>t_FDD_BlendTbIY_Uls_u8p8[7]                             | 80             |  |
|  | 83             |  |





| Name                            | Input Value   |                           |        |
|---------------------------------|---------------|---------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[9]     | 88            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 91            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 93            |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0] | 6554          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 8192          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2] | 9830          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 11469         |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 13107         |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 666           |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 691           |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 717           |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 742           |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 768           |                           |        |
| Name                            | Actual Value  | Expected Value            | Result |
| ADDCoefCalc()                   | 0.00417164806 | 0.004171648 + 0.000000000 |        |

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

| Took Ston 4.42 (Donost Count - 4)               |             |
|---|-------------|
| Test Step 1.12 (Repeat Count = 1)               |             |
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 1.5         |
| VehicleSpeed_Kph_T_f32                          | 511.9921875 |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 1.2         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1789        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 2130        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2471        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2811        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 3152        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3834        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4175        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4515        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 4856        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1608        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 2032        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2455        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2878        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 3302        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3725        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 4148        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4572        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4995        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5419        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 3968        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 4096        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 4224        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 4352        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 4480        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 4608        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 4736        |
| t_CmnVehSpd_Kph_u9p7[7]                         | 4864        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 4992        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 5120        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 5248        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 5376        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 4506        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 4915        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 5325        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 5734        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 6144        |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 6554        |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 6963        |
| t DmpADDCoefX MtrNm u4p12[7]                    | 7373        |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 7782        |
| t DmpADDCoefX MtrNm u4p12[9]                    | 8192        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]       | 342         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 683         |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]       | 1024        |
|   |             |

Name

ADDCoefCalc()

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Result

| ADDCoefCalc                               | 2014-05-19, 13.43.2510330 | Razorcat |
|---|---------------------------|----------|
| Name                                      | Input Value               |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1364                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 1705                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 2046                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 2387                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 2728                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 3068                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 3409                      |          |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 93                        |          |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 96                        |          |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 99                        |          |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 101                       |          |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 104                       |          |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 106                       |          |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 109                       |          |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 111                       |          |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 114                       |          |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 116                       |          |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 119                       |          |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 122                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]           | 8192                      |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]           | 9830                      |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]           | 11469                     |          |
| t RIAstWIRBIndTbIY UIs u2p14[3]           | 13107                     |          |
| t RIAstWIRBIndTbIY UIs u2p14[4]           | 14746                     |          |
| t WIRBIndTbIX MtrNm u8p8[0]               | 922                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 947                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 973                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 998                       |          |
| t_WIRBIndTblX_MtrNm_u8p8[4]               | 1024                      |          |
|   |                           |          |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

**Actual Value** 

0.0185419321

Expected Value

0.018541932 ± 0.00000009

| T 101 110 10 10 1                               |             |
|---|-------------|
| Test Step 1.13 (Repeat Count = 1)               |             |
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 1.6         |
| VehicleSpeed_Kph_T_f32                          | 100.21      |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 1.3         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1608        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 2032        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2455        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2878        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 3302        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3725        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 4148        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] | 4572        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4995        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] | 5419        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1789        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 2130        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2471        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2811        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 3152        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3834        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4175        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4515        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 4856        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 128         |
| t_CmnVehSpd_Kph_u9p7[1]                         | 256         |
| t_CmnVehSpd_Kph_u9p7[2]                         | 384         |
| t_CmnVehSpd_Kph_u9p7[3]                         | 512         |
| t_CmnVehSpd_Kph_u9p7[4]                         | 640         |
| t_CmnVehSpd_Kph_u9p7[5]                         | 768         |
| t CmnVehSpd Kph u9p7[6]                         | 896         |
| t_CmnVehSpd_Kph_u9p7[7]                         | 1024        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 1152        |
|   | 1           |

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| ADDCOCICAIC                               |               |                           |       |
|---|---------------|---------------------------|-------|
| Name                                      | Input Value   |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]                   | 1280          |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]                  | 1408          |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]                  | 1536          |                           |       |
| t DmpADDCoefX MtrNm u4p12[0]              | 8602          |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 9011          |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[2]              | 9421          |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[3]              | 9830          |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 10240         |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 10650         |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 11059         |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 11469         |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 11878         |                           |       |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 12288         |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 523           |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 1038          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1553          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2068          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2583          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3099          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 3614          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4129          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4644          |                           |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 5159          |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 116           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 118           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 121           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 123           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 126           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 129           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 131           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 134           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 136           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 139           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 141           |                           |       |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 144           |                           |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 1638          |                           |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 3277          |                           |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]           | 4915          |                           |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 6554          |                           |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 8192          |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1178          |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1203          |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1229          |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1254          |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1280          |                           |       |
| Name                                      | Actual Value  | Expected Value            | Resul |
| ADDCoefCalc()                             | 0.00872414559 | 0.008724146 ± 0.000000009 | •     |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntolVarXY u16 u16Xu16Y Cnt | 5     | IntolVarXY u16 u16Xu16Y Cnt | 5     |          |

| Test Step 1.14 (Repeat Count = 1)               | ✓           |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 1.7         |
| VehicleSpeed_Kph_T_f32                          | 108         |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 1.4         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1789        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 2130        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2471        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2811        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 3152        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3834        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4175        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4515        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 4856        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 161         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 328         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 494         |

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| Name   | Input Value  |                          |          |
|--|--------------|--------------------------|----------|
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]            | 661          |                          |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]            | 827          |                          |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]            | 994          |                          |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]            | 1160         |                          |          |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]            | 1326         |                          |          |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]            | 1493         |                          |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]            | 1659         |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                                    | 2560         |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                                    | 3840         |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                                    | 5120         |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                                    | 6400         |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                                    | 7680         |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                                    | 8960         |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                                    | 10240        |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                                    | 11520        |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                                    | 12800        |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                                    | 14080        |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                                   | 15360        |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                                   | 16640        |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[0]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[1]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[2]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[3]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[4]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[5]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[6]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[7]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[8]                               | 0            |                          |          |
| t_DmpADDCoefX_MtrNm_u4p12[9]                               | 0            |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                  | 704          |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                  | 814          |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                  | 924          |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                  | 1034         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                  | 1144         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                  | 1254         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                  | 1364         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                  | 1475         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                  | 1585         |                          |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                  | 1695         |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[0]                                | 144          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[1]                                | 146          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[2]                                | 149          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[3]                                | 152          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[4]                                | 154          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[5]                                | 157          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[6]                                |              |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[7]                                | 162<br>164   |                          |          |
| t_FDD_BlendTbIY_UIs_u8p8[8]<br>t FDD_BlendTbIY_UIs_u8p8[9] | 167          |                          |          |
| t FDD BlendTblY Uls u8p8[10]                               | 167          |                          |          |
| t_FDD_BlendTblY_Uls_u8p8[11]                               | 172          |                          |          |
| t_RIAstWIRBIndTblY_UIs_u2p14[0]                            | 3277         |                          |          |
| t RIAstWIRBIndTbIY Uls u2p14[1]                            | 4915         |                          |          |
| t_RIAStWIRBIndTblY_UIs_u2p14[1]                            | 6554         |                          |          |
| t_RIAStWIRBIndTblY_Uls_u2p14[2]                            | 8192         |                          |          |
| t_RIAStWIRBINdTblY_UIs_u2p14[3]                            | 9830         |                          |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                                | 1434         |                          |          |
| t WIRBIndTblX MtrNm u8p8[1]                                | 1459         |                          |          |
|  | 1485         |                          |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                                | 1510         |                          |          |
| t_WIRBIndTblX_MtrNm_u8p8[3]                                | 1536         |                          |          |
| t_WIRBIndTblX_MtrNm_u8p8[4]                                |              | Function Value           | D        |
| Name ADDCoefCalc()   | Actual Value | Expected Value           | Result   |
|  | 0.0254064538 | 0.025406454 ± 0.00000009 | <b>→</b> |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     |          |





| Test Step 1.15 (Repeat Count = 1)  | 🗸              |
|--|----------------|
|  | Input Value    |
| BaseAssistCmd MtrNm T f32  | 1.8            |
| VehicleSpeed_Kph_T_f32   | 120.14         |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 1.5            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]  | 161            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 328            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]  | 494            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]  | 661            |
|  | 827<br>994     |
| t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][6]  | 1160           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 1326           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 1493           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 1659           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]  | 342            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]  | 683            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 1024           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]  | 1364           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 1705           |
|  | 2046           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]<br>t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 2387<br>2728   |
|  | 3068           |
|  | 3409           |
|  | 6784           |
|  | 6912           |
| t_CmnVehSpd_Kph_u9p7[2]  | 7040           |
| t_CmnVehSpd_Kph_u9p7[3]  | 7168           |
| t_CmnVehSpd_Kph_u9p7[4]  | 7296           |
|  | 7424           |
| t_CmnVehSpd_Kph_u9p7[6]  | 7552           |
| t_CmnVehSpd_Kph_u9p7[7]<br>t_CmnVehSpd_Kph_u9p7[8]   | 7680<br>7808   |
|  | 7936           |
| t_CmnVehSpd_Kph_u9p7[10]   | 8064           |
| t_CmnVehSpd_Kph_u9p7[11]   | 8192           |
| t_DmpADDCoefX_MtrNm_u4p12[0]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[1]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[2]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[4]   | 36045          |
|  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[6] t DmpADDCoefX MtrNm u4p12[7]  | 36045<br>36045 |
| t_DmpADDCoefX_MtrNm_u4p12[8]   | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[9]   | 36045          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 885            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 986            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 1087           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 1188           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 1288           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 1389           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 1490           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 1591<br>1692   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                | 1793           |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 172            |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 174            |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 176            |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 178            |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 180            |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 183            |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 185            |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 187            |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 189            |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 191            |
| t_FDD_BlendTblY_Uls_u8p8[10] t_FDD_BlendTblY_Uls_u8p8[11]  | 193<br>195     |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]  | 4915           |
|  | 6554           |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  |                |
|  | 8192           |





| Name                            | Input Value   |                           |        |  |
|---------------------------------|---------------|---------------------------|--------|--|
| t_RIAstWIRBIndTblY_Uls_u2p14[4] | 11469         |                           |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1690          |                           |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1715          |                           |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1741          | 1741                      |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1766          | 1766                      |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1792          |                           |        |  |
| Name                            | Actual Value  | Expected Value            | Result |  |
| ADDCoefCalc()                   | 0.00286007137 | 0.002860071 ± 0.000000009 | ~      |  |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Test Step 1.16 (Repeat Count = 1)               |             | × |
|---|-------------|---|
| Name  | Input Value |   |
| BaseAssistCmd MtrNm T f32                       | 1.9         |   |
| VehicleSpeed_Kph_T_f32                          | 132         |   |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 1.6         |   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0] | 342         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 683         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1024        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1364        |   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4] | 1705        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 2046        |   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6] | 2387        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2728        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 3068        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 3409        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 161         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 328         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 494         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 661         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 827         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 994         |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1160        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1326        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1493        |   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 1659        |   |
| t_CmnVehSpd_Kph_u9p7[0]                         | 128         |   |
| t_CmnVehSpd_Kph_u9p7[1]                         | 256         |   |
| t_CmnVehSpd_Kph_u9p7[2]                         | 384         |   |
| t_CmnVehSpd_Kph_u9p7[3]                         | 512         |   |
| t_CmnVehSpd_Kph_u9p7[4]                         | 640         |   |
| t_CmnVehSpd_Kph_u9p7[5]                         | 768         |   |
| t_CmnVehSpd_Kph_u9p7[6]                         | 896         |   |
| t_CmnVehSpd_Kph_u9p7[7]                         | 1024        |   |
| t_CmnVehSpd_Kph_u9p7[8]                         | 1152        |   |
| t_CmnVehSpd_Kph_u9p7[9]                         | 1280        |   |
| t_CmnVehSpd_Kph_u9p7[10]                        | 1408        |   |
| t_CmnVehSpd_Kph_u9p7[11]                        | 1536        |   |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 8602        |   |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 9011        |   |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 9421        |   |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 9830        |   |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 10240       |   |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 10650       |   |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 11059       |   |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 11469       |   |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 11878       |   |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 12288       |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 1066        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 1212        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 1359        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]       | 1506        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 1653        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]       | 1800        |   |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]       | 1946        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       | 2093        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       | 2240        |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 2387        |   |

ADDCoefCalc

ADDCoefCalc()

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Result

| Name                            | Input Value |
|---------------------------------|-------------|
| t_FDD_BlendTblY_Uls_u8p8[0]     | 218         |
| t_FDD_BlendTblY_Uls_u8p8[1]     | 220         |
| t_FDD_BlendTblY_Uls_u8p8[2]     | 223         |
| t_FDD_BlendTblY_Uls_u8p8[3]     | 225         |
| t_FDD_BlendTblY_Uls_u8p8[4]     | 227         |
| t_FDD_BlendTblY_Uls_u8p8[5]     | 230         |
| t_FDD_BlendTblY_Uls_u8p8[6]     | 232         |
| t_FDD_BlendTblY_Uls_u8p8[7]     | 234         |
| t_FDD_BlendTblY_Uls_u8p8[8]     | 237         |
| t_FDD_BlendTblY_Uls_u8p8[9]     | 239         |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 241         |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 243         |
| t_RIAstWIRBIndTblY_Uls_u2p14[0] | 6554        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1] | 8192        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2] | 9830        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3] | 11469       |
| t_RIAstWIRBIndTblY_Uls_u2p14[4] | 13107       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1894        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1920        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1946        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1971        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1997        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

**Actual Value** 

0.00236540218

Expected Value

0.002365402 ± 0.000000009

| Test Step 1.17 (Repeat Count = 1)               | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 2           |
| VehicleSpeed_Kph_T_f32                          | 144.25      |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 1.7         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 0           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 0           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 0           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 0           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4] | 0           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 0           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6] | 0           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 0           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] | 0           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] | 0           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] | 161         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] | 328         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2] | 494         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] | 661         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] | 827         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5] | 994         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1160        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1326        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 1659        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 2560        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 3840        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 5120        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 6400        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 7680        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 8960        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 10240       |
| t_CmnVehSpd_Kph_u9p7[7]                         | 11520       |
| t_CmnVehSpd_Kph_u9p7[8]                         | 12800       |
| t_CmnVehSpd_Kph_u9p7[9]                         | 14080       |
| t_CmnVehSpd_Kph_u9p7[10]                        | 15360       |
| t_CmnVehSpd_Kph_u9p7[11]                        | 16640       |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 4506        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 4915        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 5325        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 5734        |

ADDCoefCalc

t\_WIRBIndTblX\_MtrNm\_u8p8[2]

t\_WIRBIndTbIX\_MtrNm\_u8p8[3]

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

Name

ADDCoefCalc()

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| Abbootioaic                               |             | TO TOOL |
|---|-------------|---------|
| Name                                      | Input Value |         |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 6144        |         |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 6554        |         |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 6963        |         |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 7373        |         |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 7782        |         |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 8192        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1246        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 1638        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 2030        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2422        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2814        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3206        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 3598        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 3990        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4382        |         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 4774        |         |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 3           |         |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 5           |         |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 8           |         |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 10          |         |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 13          |         |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 15          |         |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 18          |         |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 20          |         |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 23          |         |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 26          |         |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 28          |         |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 31          |         |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]           | 8192        |         |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 9830        |         |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]           | 11469       |         |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]           | 13107       |         |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]           | 14746       |         |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 922         |         |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 947         |         |
|   |             |         |

| T                           |       |                             |       | V        |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     | <b>✓</b> |

0.0327785164

**Expected Value** 

0.032778516 ± 0.00000009

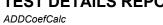
973

998

1024 Actual Value

| Test Step 1.18 (Repeat Count = 1)               | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | -1          |
| VehicleSpeed_Kph_T_f32                          | 156.12      |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 1.8         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 6554        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 342         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 683         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1024        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1364        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1705        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 2046        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 2387        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 2728        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 3068        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] | 3409        |

Result





| Name                                      | Input Value   |                           |        |
|---|---------------|---------------------------|--------|
| t_CmnVehSpd_Kph_u9p7[0]                   | 12800         |                           |        |
| t_CmnVehSpd_Kph_u9p7[1]                   | 12928         |                           |        |
| t_CmnVehSpd_Kph_u9p7[2]                   | 13056         |                           |        |
| t_CmnVehSpd_Kph_u9p7[3]                   | 13184         |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                   | 13312         |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                   | 13440         |                           |        |
| t_CmnVehSpd_Kph_u9p7[6]                   | 13568         |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                   | 13696         |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                   | 13824         |                           |        |
| t_CmnVehSpd_Kph_u9p7[9]                   | 13952         |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                  | 14080         |                           |        |
| t_CmnVehSpd_Kph_u9p7[11]                  | 14208         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 8602          |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 9011          |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]              | 9421          |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]              | 9830          |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 10240         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 10650         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 11059         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 11469         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 11878         |                           |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 12288         |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 342           |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 683           |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1024          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1364          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 1705          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 2046          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 2387          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 2728          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 3068          |                           |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 3409          |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 5             |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 8             |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 10            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 13            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 15            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 18            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 20            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 23            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 26            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 28            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 31            |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 33            |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 1638          |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]           | 3277          |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]           | 4915          |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]           | 6554          |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]           | 8192          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1178          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1203          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1229          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1254          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1280          |                           |        |
| Name                                      | Actual Value  | Expected Value            | Result |
| ADDCoefCalc()                             | 0.00810782239 | 0.008107823 ± 0.000000009 | 71000  |
|   | 0.00010702200 | 0.000101020 1 0.000000000 |        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Test Step 1.19 (Repeat Count = 1)               | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | -2          |
| VehicleSpeed_Kph_T_f32                          | 168         |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 1.9         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1427        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1655        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1884        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2112        |

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ADDCoefCalc Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][4] 2340 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][5] 2568 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6] 2796  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7]$ 3024 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][8] 3252 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 3480 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0] 523  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][1]$ 1038 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 1553  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3]$ 2068 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 2583 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5] 3099 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 3614  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][7]$ 4129 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 4644  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ 5159 t\_CmnVehSpd\_Kph\_u9p7[0] 15488 15616 t CmnVehSpd Kph u9p7[1]  $t\_CmnVehSpd\_Kph\_u9p7[2]$ 15744 15872 t CmnVehSpd Kph u9p7[3] t\_CmnVehSpd\_Kph\_u9p7[4] 16000 t\_CmnVehSpd\_Kph\_u9p7[5] 16128 t\_CmnVehSpd\_Kph\_u9p7[6] 16256 t\_CmnVehSpd\_Kph\_u9p7[7] 16384 t\_CmnVehSpd\_Kph\_u9p7[8] 16512 16640 t\_CmnVehSpd\_Kph\_u9p7[9] 16768 t\_CmnVehSpd\_Kph\_u9p7[10] t\_CmnVehSpd\_Kph\_u9p7[11] 16896 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 12698  $t\_DmpADDCoefX\_MtrNm\_u4p12[1]$ 13107 13517 t DmpADDCoefX MtrNm u4p12[2] t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t DmpADDCoefX MtrNm u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[6] t DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 523 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 1038 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 1553 2068 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 2583 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 3099 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 3614 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 4129 4644 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[9] 5159 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 10 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 13 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 15 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 18 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 20 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 23 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 26 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 28 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 31 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 33 t\_FDD\_BlendTblY\_Uls\_u8p8[10] 36 t\_FDD\_BlendTblY\_Uls\_u8p8[11] 38 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0] 3277 t\_RIAstWIRBIndTblY\_Uls\_u2p14[1] 4915  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[2]$ 6554 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3] 8192 t\_RIAstWIRBIndTblY\_Uls\_u2p14[4] 9830 t WIRBIndTbIX MtrNm u8p8[0] 1434 t\_WIRBIndTbIX\_MtrNm\_u8p8[1] 1459 t WIRBIndTbIX MtrNm u8p8[2] 1485

| Name          | Actual Value  | Expected value            | Itosuit |
|---------------|---------------|---------------------------|---------|
| ADDCoefCalc() | 0.00480917655 | 0.004809176 ± 0.000000009 | ~       |
|               |               |                           |         |

1510

1536

t\_WIRBIndTbIX\_MtrNm\_u8p8[3]

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]



| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | -      |

| Test Step 1.20 (Repeat Count = 1)               |             |  |
|---|-------------|--|
| Name  | Input Value |  |
| BaseAssistCmd_MtrNm_T_f32                       | -3          |  |
| VehicleSpeed_Kph_T_f32                          | 180.21      |  |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 2           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 161         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 328         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 494         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 661         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 827         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 994         |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1160        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1326        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1493        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1659        |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 0           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5] | 0           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 0           |  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] | 0           |  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 0           |  |
| t_CmnVehSpd_Kph_u9p7[0]                         | 10368       |  |
| t_CmnVehSpd_Kph_u9p7[1]                         | 10496       |  |
| t_CmnVehSpd_Kph_u9p7[2]                         | 10624       |  |
| t_CmnVehSpd_Kph_u9p7[3]                         | 10752       |  |
| t_CmnVehSpd_Kph_u9p7[4]                         | 10880       |  |
| t_CmnVehSpd_Kph_u9p7[5]                         | 11008       |  |
| t_CmnVehSpd_Kph_u9p7[6]                         | 11136       |  |
| t_CmnVehSpd_Kph_u9p7[7]                         | 11264       |  |
| t_CmnVehSpd_Kph_u9p7[8]                         | 11392       |  |
| t_CmnVehSpd_Kph_u9p7[9]                         | 11520       |  |
| t_CmnVehSpd_Kph_u9p7[10]                        | 11648       |  |
| t_CmnVehSpd_Kph_u9p7[11]                        | 11776       |  |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 16794       |  |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 17203       |  |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 17613       |  |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 18022       |  |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 18432       |  |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 18842       |  |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 19251       |  |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 19661       |  |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 20070       |  |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 20480       |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 704         |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 814         |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 924         |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]       | 1034        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 1144        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]       | 1254        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]       | 1364        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       | 1475        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       | 1585        |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 1695        |  |
| t_FDD_BlendTblY_Uls_u8p8[0]                     | 13          |  |
| t_FDD_BlendTblY_Uls_u8p8[1]                     | 15          |  |
| t_FDD_BlendTblY_Uls_u8p8[2]                     | 18          |  |
| t_FDD_BlendTblY_Uls_u8p8[3]                     | 20          |  |
| t_FDD_BlendTblY_Uls_u8p8[4]                     | 23          |  |
| t_FDD_BlendTblY_Uls_u8p8[5]                     | 26          |  |
| t_FDD_BlendTblY_Uls_u8p8[6]                     | 28          |  |
| t_FDD_BlendTblY_Uls_u8p8[7]                     | 31          |  |
| 22_2.3.4 rbrr_0to_dopo[r]                       | 101         |  |

ADDCoefCalc

ADDCoefCalc()

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**Expected Value** 

0.00464859 ± 0.000000009

| Name                            | Input Value |
|---------------------------------|-------------|
| t_FDD_BlendTblY_Uls_u8p8[9]     | 36          |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 38          |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 41          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0] | 4915        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 6554        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2] | 8192        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 9830        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 11469       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1690        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1715        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1741        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1766        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1792        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

Actual Value

0.00464858953

| Test Step 1.21 (Repeat Count = 1)               |             |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | -4          |
| VehicleSpeed_Kph_T_f32                          | 192         |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 2.1         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 342         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1] | 683         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1024        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3] | 1364        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1705        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 2046        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 2387        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] | 2728        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 3068        |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] | 3409        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 6554        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 6554        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 5248        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 5376        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 5504        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 5632        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 5760        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 5888        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 6016        |
| t_CmnVehSpd_Kph_u9p7[7]                         | 6144        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 6272        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 6400        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 6528        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 6656        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 20890       |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 21299       |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 21709       |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 22118       |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 22528       |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 22938       |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 23347       |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 23757       |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 24166       |
| t DmpADDCoefX MtrNm u4p12[9]                    | 24576       |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]       | 885         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 986         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 1087        |
| , , , , , , , , , , , , , , , , ,               |             |

ADDCoefCalc

ADDCoefCalc()

2014-09-19, 15:43:25+0530



0.0092985 ± 0.000000009

| Name                                      | Input Value  |                |        |
|---|--------------|----------------|--------|
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1188         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 1288         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 1389         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1490         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1591         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1692         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 1793         |                |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 15           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 18           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 20           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 23           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 26           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 28           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 31           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 33           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 36           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 38           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 41           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 44           |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]           | 6554         |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 8192         |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]           | 9830         |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 11469        |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 13107        |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1894         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1920         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1946         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1971         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1997         |                |        |
| Name                                      | Actual Value | Expected Value | Result |
|   |              |                |        |

| Т                           |       |                             | V     |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

0.00929849967

| Input Value     BaseAssitCmd_MtrNm_T_f32   | - 101 100 ID 10 10 IV                           |                                       |
|--|---|---------------------------------------|
| BaseAssistCmd_MtrNm_T_i32  | Test Step 1.22 (Repeat Count = 1)               | · · · · · · · · · · · · · · · · · · · |
| VehicleSpeed_Kph_T_62         204           WIRCmdAmpBlind_Minn_T_f32         2.2           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[1]         523           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[2]         1553           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[4]         268           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[4]         2583           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[6]         3099           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[7]         4129           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[8]         4644           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[8]         4644           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[8]         4644           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         4644           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         4644           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         464           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         2032           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         2032           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         2276           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         3725           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         4572           12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]         4572     <   |   |                                       |
| VIRCmdAmpElind_MirNm_T_f32   | BaseAssistCmd_MtrNm_T_f32                       | -5                                    |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  523   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1038   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  153   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  153   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  153   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  153   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  154   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  154   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  154   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  154   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  155   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  155   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  156   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  154   155   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   | VehicleSpeed_Kph_T_f32                          |                                       |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | WIRCmdAmpBInd_MtrNm_T_f32                       | 2.2                                   |
| 150  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] |                                       |
| 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][3]   2068   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][4]   2583   2590_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][5]   3099   2590_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][5]   3614   2590_ADDRollingTbiYM_MtrNmpRadpS_um1p17[0][7]   4129   4 | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1038                                  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]   2583   2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]   3099   2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   3614   2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   4129    | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1553                                  |
| 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]   3099     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]   3614     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]   4129     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]   4644     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]   4644     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]   1608     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]   2032     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]   2455     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   2878     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]   3302     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   4148     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   4148     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]   5419     1_Cmn/vehSpd_Kph_u9p7[0]   4096     1_Cmn/vehSpd_Kph_u9p7[1]   4096     1_Cmn/vehSpd_Kph_u9p7[2]   4224     1_Cmn/vehSpd_Kph_u9p7[3]   4352     1_Cmn/vehSpd_Kph_u9p7[6]   4608     1_Cmn/vehSpd_Kph_u9p7[6]   4736     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[6]   4736     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[6]   4736     1_Cmn/vehSpd_Kph_u9p7[7]   4864     1_Cmn/vehSpd_Kph_u9p7[7]   4864   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2068                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   3614     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]   4129     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   4644     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   5159     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]   1608     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]   2032     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]   2455     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]   2878     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]   3302     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   3725     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   4148     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   4572     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]   5419     1_CmnVehSpd_Kph_u9p7[0]   3968     1_CmnVehSpd_Kph_u9p7[2]   4224     1_CmnVehSpd_Kph_u9p7[3]   4352     1_CmnVehSpd_Kph_u9p7[6]   4608     1_CmnVehSpd_Kph_u9p7[6]   4608     1_CmnVehSpd_Kph_u9p7[6]   4608     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnVehSpd_Kph_u9p7[7]   48 | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2583                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3099                                  |
| 12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[0][8]       4644         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][0]       5159         12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][0]       1608         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][1]       2032         12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][2]       2455         12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][3]       2878         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][6]       3302         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][6]       4148         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][7]       4572         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[1][8]       4995   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3614                                  |
| 12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][9]   5159     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][0]   1608     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][1]   2032     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][2]   2455     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][3]   2878     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][4]   3302     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][5]   3725     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6]   4148     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6]   4957     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][8]   4995     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][9]   5419     1_CmnVehSpd_Kph_u9p7[0]   3968     1_CmnVehSpd_Kph_u9p7[1]   4096     1_CmnVehSpd_Kph_u9p7[3]   4352     1_CmnVehSpd_Kph_u9p7[4]   4480     1_CmnVehSpd_Kph_u9p7[5]   4608     1_CmnVehSpd_Kph_u9p7[6]   4736     1_CmnVehSpd_Kph_u9p7[7]   4864     1_CmnV | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4129                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]       1608         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       2032         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       2455         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       2878         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       3302         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       3725         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       4148         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       4572         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         t_CmnVehSpd_Kph_u9p7[0]       3968         t_CmnVehSpd_Kph_u9p7[1]       4096         t_CmnVehSpd_Kph_u9p7[2]       4224         t_CmnVehSpd_Kph_u9p7[3]       4352         t_CmnVehSpd_Kph_u9p7[4]       4480         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[7]       4864  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4644                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       2032         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       2455         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       2878         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       3302         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       3725         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       4148         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       4572         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FDN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         12_FN_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1][1][1][1][1][1][1][1][1][1][1][1][  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 5159                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       2455         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       2878         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       3302         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       3725         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       4148         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       4572         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         t_CmnVehSpd_Kph_u9p7[0]       4096         t_CmnVehSpd_Kph_u9p7[1]       4096         t_CmnVehSpd_Kph_u9p7[2]       4224         t_CmnVehSpd_Kph_u9p7[3]       4352         t_CmnVehSpd_Kph_u9p7[4]       4480         t_CmnVehSpd_Kph_u9p7[5]       4608         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[7]       4864  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1608                                  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2878  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3725  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995  12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419  1_CmnVehSpd_Kph_u9p7[0] 3968  1_CmnVehSpd_Kph_u9p7[1] 4096  1_CmnVehSpd_Kph_u9p7[2] 4224  1_CmnVehSpd_Kph_u9p7[3] 4352  1_CmnVehSpd_Kph_u9p7[4] 4480  1_CmnVehSpd_Kph_u9p7[5] 4608  1_CmnVehSpd_Kph_u9p7[6] 4736  1_CmnVehSpd_Kph_u9p7[7] 4864   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 2032                                  |
| 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][4]       3302         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][5]       3725         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][6]       4148         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][7]       4572         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][8]       4995         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][9]       5419         1_CmnVehSpd_Kph_u9p7[0]       3968         1_CmnVehSpd_Kph_u9p7[1]       4096         1_CmnVehSpd_Kph_u9p7[2]       4224         1_CmnVehSpd_Kph_u9p7[3]       4352         1_CmnVehSpd_Kph_u9p7[4]       4480         1_CmnVehSpd_Kph_u9p7[5]       4608         1_CmnVehSpd_Kph_u9p7[6]       4736         1_CmnVehSpd_Kph_u9p7[7]       4864  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2455                                  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       3725         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       4148         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       4572         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       4995         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         t_CmnVehSpd_Kph_u9p7[0]       3968         t_CmnVehSpd_Kph_u9p7[1]       4096         t_CmnVehSpd_Kph_u9p7[2]       4224         t_CmnVehSpd_Kph_u9p7[3]       4352         t_CmnVehSpd_Kph_u9p7[4]       4480         t_CmnVehSpd_Kph_u9p7[5]       4608         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[7]       4864   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2878                                  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 3302                                  |
| t2_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][7]   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3725                                  |
| t2_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][8]   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 4148                                  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5419         t_CmnVehSpd_Kph_u9p7[0]       3968         t_CmnVehSpd_Kph_u9p7[1]       4096         t_CmnVehSpd_Kph_u9p7[2]       4224         t_CmnVehSpd_Kph_u9p7[3]       4352         t_CmnVehSpd_Kph_u9p7[4]       4480         t_CmnVehSpd_Kph_u9p7[5]       4608         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[7]       4864   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4572                                  |
| t_CmnVehSpd_Kph_u9p7[0] 3968 t_CmnVehSpd_Kph_u9p7[1] 4096 t_CmnVehSpd_Kph_u9p7[2] 4224 t_CmnVehSpd_Kph_u9p7[3] 4352 t_CmnVehSpd_Kph_u9p7[4] 4480 t_CmnVehSpd_Kph_u9p7[5] 4608 t_CmnVehSpd_Kph_u9p7[6] 4736 t_CmnVehSpd_Kph_u9p7[7] 4864  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4995                                  |
| t_CmnVehSpd_Kph_u9p7[1] 4096 t_CmnVehSpd_Kph_u9p7[2] 4224 t_CmnVehSpd_Kph_u9p7[3] 4352 t_CmnVehSpd_Kph_u9p7[4] 4480 t_CmnVehSpd_Kph_u9p7[5] 4608 t_CmnVehSpd_Kph_u9p7[6] 4736 t_CmnVehSpd_Kph_u9p7[7] 4864   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5419                                  |
| t_CmnVehSpd_Kph_u9p7[2]  | t_CmnVehSpd_Kph_u9p7[0]                         | 3968                                  |
| t_CmnVehSpd_Kph_u9p7[3] 4352 t_CmnVehSpd_Kph_u9p7[4] 4480 t_CmnVehSpd_Kph_u9p7[5] 4608 t_CmnVehSpd_Kph_u9p7[6] 4736 t_CmnVehSpd_Kph_u9p7[7] 4864   | t_CmnVehSpd_Kph_u9p7[1]                         | 4096                                  |
| t_CmnVehSpd_Kph_u9p7[4] 4480  t_CmnVehSpd_Kph_u9p7[5] 4608  t_CmnVehSpd_Kph_u9p7[6] 4736  t_CmnVehSpd_Kph_u9p7[7] 4864   | t_CmnVehSpd_Kph_u9p7[2]                         | 4224                                  |
| t_CmnVehSpd_Kph_u9p7[4]       4480         t_CmnVehSpd_Kph_u9p7[5]       4608         t_CmnVehSpd_Kph_u9p7[6]       4736         t_CmnVehSpd_Kph_u9p7[7]       4864  | t_CmnVehSpd_Kph_u9p7[3]                         | 4352                                  |
| t_CmnVehSpd_Kph_u9p7[6] 4736<br>t_CmnVehSpd_Kph_u9p7[7] 4864   | t_CmnVehSpd_Kph_u9p7[4]                         | 4480                                  |
| t_CmnVehSpd_Kph_u9p7[6] 4736<br>t_CmnVehSpd_Kph_u9p7[7] 4864   | t_CmnVehSpd_Kph_u9p7[5]                         | 4608                                  |
|  | t_CmnVehSpd_Kph_u9p7[6]                         | 4736                                  |
| Cmn\/chSnd Knh u0n7/91   | t_CmnVehSpd_Kph_u9p7[7]                         | 4864                                  |
| t_Gillivenopu_npii_uapr[o] 4992  | t_CmnVehSpd_Kph_u9p7[8]                         | 4992                                  |

ADDCoefCalc

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| ADDOGETORIC                               |              |                | ( CIE C   COID |
|---|--------------|----------------|----------------|
| Name                                      | Input Value  |                |                |
| t_CmnVehSpd_Kph_u9p7[9]                   | 5120         |                |                |
| t_CmnVehSpd_Kph_u9p7[10]                  | 5248         |                |                |
| t_CmnVehSpd_Kph_u9p7[11]                  | 5376         |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 24986        |                |                |
| t DmpADDCoefX MtrNm u4p12[1]              | 25395        |                |                |
| t DmpADDCoefX MtrNm u4p12[2]              | 25805        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[3]              | 26214        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 26624        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 27034        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 27443        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 27853        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 28262        |                |                |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 28672        |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 161          |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 328          |                |                |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[2] | 494          |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 661          |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 827          |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 994          |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1160         |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1326         |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1493         |                |                |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 1659         |                |                |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 18           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 20           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 23           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 26           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 28           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 31           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 33           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 36           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 38           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 41           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 44           |                |                |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 46           |                |                |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]           | 8192         |                |                |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]           | 9830         |                |                |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]           | 11469        |                |                |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]           | 13107        |                |                |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]           | 14746        |                |                |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1178         |                |                |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1203         |                |                |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1229         |                |                |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1254         |                |                |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1280         |                |                |
| Name                                      | Actual Value | Expected Value | Result         |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

0.00246831775

0.002468318 ± 0.000000009

| Test Step 1.23 (Repeat Count = 1)               |             | <b>~</b> |
|---|-------------|----------|
| Name  | Input Value |          |
| BaseAssistCmd_MtrNm_T_f32                       | -6          |          |
| VehicleSpeed_Kph_T_f32                          | 216.25      |          |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 2.3         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 704         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 814         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 924         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1034        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1144        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 1254        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1364        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1475        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1585        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1695        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 523         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1038        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1553        |          |

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| Name  | Input Value   |  |        |
|---|---------------|--|--------|
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2068          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2583          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3099          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3614          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4129          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4644          |  |        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5159          |  |        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 128           |  |        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 256           |  |        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 384           |  |        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 512           |  |        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 640           |  |        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 768           |  |        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 896           |  |        |
| t_CmnVehSpd_Kph_u9p7[7]                         | 1024          |  |        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 1152          |  |        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 1280          |  |        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 1408          |  |        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 1536          |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 28262         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 28672         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 29082         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 29491         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 29901         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 30310         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 30720         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 31130         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 31539         |  |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 31949         |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       | 0             |  |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 0             |  |        |
| t_FDD_BlendTblY_Uls_u8p8[0]                     | 20            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[1]                     | 23            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[2]                     | 26            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[3]                     | 28            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[4]                     | 31            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[5]                     | 33            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[6]                     | 36            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[7]                     | 38            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[8]                     | 41            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[9]                     | 44            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[10]                    | 46            |  |        |
| t_FDD_BlendTblY_Uls_u8p8[11]                    | 49            |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]                 | 1638          |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]                 | 3277          |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]                 | 4915          |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]                 | 6554          |  |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]                 | 8192          |  |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]                     | 1434          |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                     | 1459          |  |        |
| t_WIRBIndTbiX_MtrNm_u8p8[2]                     | 1485          |  |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]                     | 1510          |  |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]                     | 1536          |  |        |
| Name  | Actual Value  | Expected Value   | Result |
| ADDCoefCalc()                                   | 0.00100163568 | 0.001001636 ± 0.000000009  | ~      |
|   | 1             | t and the second |        |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     |          |





| Test Step 1.24 (Repeat Count = 1)   | ✓            |
|---|--------------|
| Name  | Input Value  |
| BaseAssistCmd_MtrNm_T_f32   | -7           |
| VehicleSpeed_Kph_T_f32  | 228.25       |
| WIRCmdAmpBInd_MtrNm_T_f32   | 2.4          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]   | 885          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 986<br>1087  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]   | 1188         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]   | 1288         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]   | 1389         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   | 1490         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]   | 1591         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   | 1692         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   | 1793         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]   | 704<br>814   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 924          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]   | 1034         |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]   | 1144         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]   | 1254         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 1364         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   | 1475         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]   | 1585         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]   | 1695         |
| t_CmnVehSpd_Kph_u9p7[0]   | 2560         |
| t_CmnVehSpd_Kph_u9p7[1]   | 3840<br>5120 |
| t_CmnVehSpd_Kph_u9p7[2]<br>t_CmnVehSpd_Kph_u9p7[3]  | 6400         |
| t_CmnVehSpd_Kph_u9p7[4]   | 7680         |
| t_CmnVehSpd_Kph_u9p7[5]   | 8960         |
| t_CmnVehSpd_Kph_u9p7[6]   | 10240        |
| t_CmnVehSpd_Kph_u9p7[7]   | 11520        |
| t_CmnVehSpd_Kph_u9p7[8]   | 12800        |
| t_CmnVehSpd_Kph_u9p7[9]   | 14080        |
| t_CmnVehSpd_Kph_u9p7[10]  | 15360        |
| t_CmnVehSpd_Kph_u9p7[11]  | 16640        |
| t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]                                       | 4506<br>4915 |
| t DmpADDCoefX MtrNm u4p12[2]  | 5325         |
| t DmpADDCoefX MtrNm u4p12[3]  | 5734         |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 6144         |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 6554         |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 6963         |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 7373         |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 7782         |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 8192         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]             | 6554<br>6554 |
| t_FDD_ADDStaticToff_MtinImpRadpS_um1p17[2] t_FDD_ADDStaticTbfy_MtrNmpRadpS_um1p17[3]            | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   | 6554         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 6554         |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 49           |
| t_FDD_BlendTblY_UIs_u8p8[1]   | 51           |
| t_FDD_BlendTblY_Uls_u8p8[2]<br>t_FDD_BlendTblY_Uls_u8p8[3]                                      | 54<br>57     |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 60           |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 63           |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 66           |
| t_FDD_BlendTblY_Uls_u8p8[7]   | 68           |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 71           |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 74           |
| t_FDD_BlendTblY_Uls_u8p8[10]  | 77           |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 80           |
| t_RIAstWIRBIndTblY_UIs_u2p14[0]   | 3277<br>4915 |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2]                                 | 6554         |
| t_RiAstWiRBindTbiY_Uis_u2p14[3]   | 8192         |
| ~ · · · · · · · · · · · · · · · · · · ·   | I            |





| Name                            | Input Value  |                         |        |
|---------------------------------|--------------|-------------------------|--------|
| t_RIAstWIRBIndTbIY_UIs_u2p14[4] | 9830         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1690         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1715         |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]     | 1741         |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]     | 1766         |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]     | 1792         |                         |        |
| Name                            | Actual Value | Expected Value          | Result |
| ADDCoefCalc()                   | 0.0386052094 | 0.03860521 ± 0.00000009 | ~      |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Test Step 1.25 (Repeat Count = 1)               | ·           |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd MtrNm T f32                       | -8          |
| VehicleSpeed_Kph_T_f32                          | 240         |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 2.5         |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0] | 1066        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1212        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1359        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1506        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4] | 1653        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 1800        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6] | 1946        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2093        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 2240        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 2387        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 885         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 986         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1087        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1188        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1288        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1389        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6] | 1490        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1591        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1692        |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9] | 1793        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 6784        |
| t_CmnVehSpd_Kph_u9p7[1]                         | 6912        |
| t_CmnVehSpd_Kph_u9p7[2]                         | 7040        |
| t_CmnVehSpd_Kph_u9p7[3]                         | 7168        |
| t_CmnVehSpd_Kph_u9p7[4]                         | 7296        |
| t_CmnVehSpd_Kph_u9p7[5]                         | 7424        |
| t_CmnVehSpd_Kph_u9p7[6]                         | 7552        |
| t_CmnVehSpd_Kph_u9p7[7]                         | 7680        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 7808        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 7936        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 8064        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 8192        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 8602        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 9011        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 9421        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 9830        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 10240       |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 10650       |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 11059       |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 11469       |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 11878       |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 12288       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 342         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 683         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 1024        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]       | 1364        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 1705        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]       | 2046        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]       | 2387        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       | 2728        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       | 3068        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 3409        |

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| Name                         | Input Value |  |
|------------------------------|-------------|--|
| t_FDD_BlendTblY_Uls_u8p8[0]  | 65          |  |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 68          |  |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 70          |  |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 73          |  |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 75          |  |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 78          |  |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 80          |  |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 83          |  |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 86          |  |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 88          |  |
| t_FDD_BlendTblY_Uls_u8p8[10] | 91          |  |
| _FDD_BlendTblY_Uls_u8p8[11]  | 93          |  |
|                              |             |  |

ADDCoefCalc

ADDCoefCalc()

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| Name                                      | Input Value  |                          |        |
|---|--------------|--------------------------|--------|
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 14336        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 14746        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 15155        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 15565        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 15974        |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 16384        |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1608         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 2032         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 2455         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2878         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 3302         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3725         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 4148         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4572         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4995         |                          |        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[9] | 5419         |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 93           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 96           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 99           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 101          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 104          |                          |        |
| t FDD BlendTblY Uls u8p8[5]               | 106          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 109          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 111          |                          |        |
| t FDD BlendTblY Uls u8p8[8]               | 114          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 116          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 119          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 122          |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[0]           | 6554         |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[1]           | 8192         |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]           | 9830         |                          |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]           | 11469        |                          |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]           | 13107        |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 0            |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 0            |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 0            |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 0            |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 0            |                          |        |
| Name                                      | Actual Value | Expected Value           | Result |
| ADDCoefCale()                             | 0.0104283160 | 0.010428317 + 0.00000000 |        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     | _        |

0.0104283169

0.010428317 ± 0.00000009

| Test Step 1.27 (Repeat Count = 1)               | <b>√</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 4           |
| VehicleSpeed_Kph_T_f32                          | 264         |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 2.7         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1427        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1655        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1884        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2112        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2340        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 2568        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 2796        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 3024        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 3252        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 3480        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1246        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1638        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2030        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2422        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2814        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3206        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3598        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 3990        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4382        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 4774        |



| ADDCOCICAIC |  |
|-------------|--|
| Name        |  |

| Name                                      | Input Value  |                          |           |
|---|--------------|--------------------------|-----------|
| t_CmnVehSpd_Kph_u9p7[0]                   | 2560         |                          |           |
| t_CmnVehSpd_Kph_u9p7[1]                   | 3840         |                          |           |
| t_CmnVehSpd_Kph_u9p7[2]                   | 5120         |                          |           |
| t_CmnVehSpd_Kph_u9p7[3]                   | 6400         |                          |           |
| t CmnVehSpd Kph u9p7[4]                   | 7680         |                          |           |
| t_CmnVehSpd_Kph_u9p7[5]                   | 8960         |                          |           |
| t_CmnVehSpd_Kph_u9p7[6]                   | 10240        |                          |           |
| t_CmnVehSpd_Kph_u9p7[7]                   | 11520        |                          |           |
| t_CmnVehSpd_Kph_u9p7[8]                   | 12800        |                          |           |
| t_CmnVehSpd_Kph_u9p7[9]                   | 14080        |                          |           |
| t_CmnVehSpd_Kph_u9p7[10]                  | 15360        |                          |           |
| t_CmnVehSpd_Kph_u9p7[11]                  | 16640        |                          |           |
| t DmpADDCoefX MtrNm u4p12[0]              | 16794        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 17203        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[2]              | 17613        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[3]              | 18022        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 18432        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 18842        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 19251        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 1961         |                          |           |
|   | 20070        |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[8]              |              |                          |           |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 20480        |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1789         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 2130         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 2471         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2811         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 3152         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3493         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 3834         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4175         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4515         |                          |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 4856         |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 116          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 118          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 121          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 123          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 126          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 129          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 131          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 134          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 136          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 139          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 141          |                          |           |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 144          |                          |           |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 8192         |                          |           |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 9830         |                          |           |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]           | 11469        |                          |           |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 13107        |                          |           |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]           | 14746        |                          |           |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 2048         |                          |           |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 2048         |                          |           |
| t_WIRBIndTblX_MtrNm_u8p8[2]               | 2048         |                          |           |
| t_WIRBIndTblX_MtrNm_u8p8[3]               | 2048         |                          |           |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 2048         |                          |           |
| Name                                      | Actual Value | Expected Value           | Result    |
| ADDCoefCalc()                             | 0.0117070675 | 0.011707067 ± 0.00000009 | rtesuit ✓ |
| ADDOUGIOGIU()                             | 0.011/0/00/3 | 0.011707007 ± 0.00000009 |           |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Test Step 1.28 (Repeat Count = 1)               | <b>→</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 5           |
| VehicleSpeed_Kph_T_f32                          | 276.14      |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 2.8         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1608        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 2032        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2455        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2878        |

ADDCoefCalc

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Name Input Value





| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

| Test Step 1.29 (Repeat Count = 1)               |             |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 6           |
| VehicleSpeed_Kph_T_f32                          | 288         |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 2.9         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1789        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 2130        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2471        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2811        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 3152        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3834        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4175        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4515        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 4856        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1608        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 2032        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2455        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2878        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 3302        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3725        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 4148        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4572        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4995        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5419        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 15488       |
| t_CmnVehSpd_Kph_u9p7[1]                         | 15616       |
| t_CmnVehSpd_Kph_u9p7[2]                         | 15744       |
| t_CmnVehSpd_Kph_u9p7[3]                         | 15872       |
| t_CmnVehSpd_Kph_u9p7[4]                         | 16000       |
| t_CmnVehSpd_Kph_u9p7[5]                         | 16128       |
| t_CmnVehSpd_Kph_u9p7[6]                         | 16256       |
| t_CmnVehSpd_Kph_u9p7[7]                         | 16384       |
| t_CmnVehSpd_Kph_u9p7[8]                         | 16512       |
| t_CmnVehSpd_Kph_u9p7[9]                         | 16640       |
| t_CmnVehSpd_Kph_u9p7[10]                        | 16768       |
| t_CmnVehSpd_Kph_u9p7[11]                        | 16896       |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 24986       |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 25395       |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 25805       |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 26214       |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 26624       |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 27034       |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 27443       |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 27853       |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 28262       |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 28672       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 1789        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 2130        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 2471        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]       | 2811        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 3152        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]       | 3493        |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]       | 3834        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       | 4175        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       | 4515        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 4856        |
| t_FDD_BlendTblY_Uls_u8p8[0]                     | 172         |
| t_FDD_BlendTblY_Uls_u8p8[1]                     | 174         |
| t_FDD_BlendTblY_Uls_u8p8[2]                     | 176         |
| t_FDD_BlendTblY_Uls_u8p8[3]                     | 178         |
| t_FDD_BlendTblY_Uls_u8p8[4]                     | 180         |
| t_FDD_BlendTblY_Uls_u8p8[5]                     | 183         |
| t_FDD_BlendTblY_Uls_u8p8[6]                     | 185         |
| t_FDD_BlendTblY_Uls_u8p8[7]                     | 187         |
| t_FDD_BlendTblY_Uls_u8p8[8]                     | 189         |
|   |             |

ADDCoefCalc()

2014-09-19, 15:43:25+0530



0.013648987 ± 0.00000009

| ADDCoefCalc                     | 2011 00 10, 10110120 0000 | Raz            | sorcat |
|---------------------------------|---------------------------|----------------|--------|
| Name                            | Input Value               |                |        |
| t_FDD_BlendTblY_Uls_u8p8[9]     | 191                       |                |        |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 193                       |                |        |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 195                       |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0] | 0                         |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 0                         |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2] | 0                         |                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 0                         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4] | 0                         |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 282                       |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 307                       |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 333                       |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 358                       |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 384                       |                |        |
| Nama                            | Actual Value              | Expected Value | Pocult |

| Τ                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | -      |

0.0136489868

| Test Step 1.30 (Repeat Count = 1)               | 🗸           |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 7           |
| VehicleSpeed_Kph_T_f32                          | 300.25      |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 3.2         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 161         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 328         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 494         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 661         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 827         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 994         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1160        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1326        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1659        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1789        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 2130        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 2471        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2811        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 3152        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3493        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3834        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4175        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4515        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 4856        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 10368       |
| t_CmnVehSpd_Kph_u9p7[1]                         | 10496       |
| t_CmnVehSpd_Kph_u9p7[2]                         | 10624       |
| t_CmnVehSpd_Kph_u9p7[3]                         | 10752       |
| t_CmnVehSpd_Kph_u9p7[4]                         | 10880       |
| t_CmnVehSpd_Kph_u9p7[5]                         | 11008       |
| t_CmnVehSpd_Kph_u9p7[6]                         | 11136       |
| t_CmnVehSpd_Kph_u9p7[7]                         | 11264       |
| t_CmnVehSpd_Kph_u9p7[8]                         | 11392       |
| t_CmnVehSpd_Kph_u9p7[9]                         | 11520       |
| t_CmnVehSpd_Kph_u9p7[10]                        | 11648       |
| t_CmnVehSpd_Kph_u9p7[11]                        | 11776       |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 28262       |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 28672       |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 29082       |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 29491       |
| t_DmpADDCoefX_MtrNm_u4p12[4]                    | 29901       |
| t_DmpADDCoefX_MtrNm_u4p12[5]                    | 30310       |
| t_DmpADDCoefX_MtrNm_u4p12[6]                    | 30720       |
| t_DmpADDCoefX_MtrNm_u4p12[7]                    | 31130       |
| t_DmpADDCoefX_MtrNm_u4p12[8]                    | 31539       |
| t_DmpADDCoefX_MtrNm_u4p12[9]                    | 31949       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]       | 161         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 328         |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 494         |

ADDCoefCalc

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| Name                                      | Input Value  |                          |        |
|---|--------------|--------------------------|--------|
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 661          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 827          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 994          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1160         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1326         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1493         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 1659         |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 218          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 220          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 223          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 225          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 227          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 230          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 232          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 234          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 237          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 239          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 241          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 243          |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]           | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]           | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 16384        |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 16384        |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 538          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 563          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 589          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 614          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 640          |                          |        |
| Name                                      | Actual Value | Expected Value           | Result |
| ADDCoefCalc()                             | 0.0155524611 | 0.015552461 ± 0.00000009 | ~      |
|   |              |                          |        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |

| Name         Input Value           BaseAssiStCM_MINNT_T52         8           VehicleSpeed (Kph_T_32         312           WIRCMdAmpBlind_MtrNm_T_522         3.1           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][0]         342           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][2]         683           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][2]         1024           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][3]         1364           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][4]         1705           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][6]         2387           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][8]         3088           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][8]         3068           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[0][8]         3068           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][9]         161           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][9]         444           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][8]         828           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][8]         827           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][8]         827           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][8]         827           L2_FDD_ADDRollingTbIYM_MINNmpRadpS_um1p17[1][8]         827           L2_FDD_ADDRollingTbIYM_M  |   |      |
|--|---|------|
| BaseAssistCmd_MtrNm_T_i32  | Test Step 1.31 (Repeat Count = 1)               |      |
| VehicleSpeed_Kph_T_fS2   |   | ·    |
| WIRCmdAmpBind_MtnNm_T_g32   3.1     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][0]   342     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][1]   683     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][2]   1024     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][3]   1364     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][4]   1705     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][6]   2387     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][6]   2387     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][7]   2728     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][8]   3068     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[0][9]   3409     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[1][0]   161     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[1][0]   161     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[1][1]   328     12_FDD_ADDRollingTb1YM_MtrNmpRadps_um1p17[1][1]   494     12_FDD_ADDRollingTb1YM_MtrNm |   |      |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  0   342   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   683   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   1024   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   1364   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   1705   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2046   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2046   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2728   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2728   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2728   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   2728   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(0)  1   3068   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   327   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   327   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   327   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   328   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)  1   326   12_FDD_ADDRollingT | VehicleSpeed_Kph_T_f32                          |      |
| 2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[0][1]   683   12_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17[0][2]   1024    | WIRCmdAmpBInd_MtrNm_T_f32                       | 3.1  |
| 12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 2  1024   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 3  1364   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 6  2046   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 6  2387   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 6  2387   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 7  2728   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 8  3068   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0) 8  3409   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 9  3409   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 10  161   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 2  494   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 2  494   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 3  661   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 4  827   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 6  1160   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 6  1160   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 7  1326   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 8  1493   12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1) 8  1556   1_CmnvVehSpd_Kph_u9p7(0) 5248   1_CmnvVehSpd_Kph_u9p7(0) 5504   1_CmnvVehSpd_Kph_u9p7(0) 5688   1_CmnvVehSpd_Kph_u9p7(0) 6016   1_CmnvVehSpd_Kph_u9p7(0) 601 | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | · ·  |
| 1364   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 683  |
| 1705    | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1024 |
| 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]   2046     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]   2387     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]   3068     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]   3409     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]   3409     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]   161     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]   328     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]   494     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   661     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]   827     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   994     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   1160     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   1160     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   1160     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]   1493     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   1493     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   1493     12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]   548      1_CmmVehSpd_Kph_u9p7[0]   5248      1_CmmVehSpd_Kph_u9p7[0]   5548      1_CmmVehSpd_Kph_u9p7[0]   5692      1_CmmVehSpd_Kph_u9p7[1]   5602      1_CmmVehSpd_Kph_u9p7[2]   5604      1_CmmVehSpd_Kph_u9p7[3]   5632      1_CmmVehSpd_Kph_u9p7[6]   5888      1_CmmVehSpd_Kph_u9p7[6]   6016      1_CmmVehSpd_Kph_u9p7[7]   6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1364 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]       2387         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]       2728         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]       3068         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]       3409         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]       161         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5376         1_CmmVehSpd_Kph_u9p7[2]       5504         1_CmmVehSpd_Kph_u9p7[3]       5632         1_CmmVehSpd_Kph_u9p7[5]       5888         1_CmmVehSpd_Kph_u9p7[5]       5888         1_CmmVehSpd_Kph_u9p7[6]       6016         1_CmmVehSpd_Kph_u9p7[7]       6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1705 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]   2728   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 2046 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]       3068         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]       3409         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]       161         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1659         1_CmnVehSpd_Kph_u9p7[0]       5248         1_CmnVehSpd_Kph_u9p7[1]       5376         1_CmnVehSpd_Kph_u9p7[2]       5504         1_CmnVehSpd_Kph_u9p7[3]       5632         1_CmnVehSpd_Kph_u9p7[4]       5760         1_CmnVehSpd_Kph_u9p7[6]       6016         1_CmnVehSpd_Kph_u9p7[7]       6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 2387 |
| 12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[0][9]   3409     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][0]   161     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][1]   328     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][2]   494     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][3]   661     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][3]   827     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][5]   994     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6]   1160     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][6]   1493     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][8]   1493     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][8]   1493     12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1][9]   1659     1_CmnVehSpd_Kph_u9p7[0]   5248     1_CmnVehSpd_Kph_u9p7[1]   5376     1_CmnVehSpd_Kph_u9p7[2]   5504     1_CmnVehSpd_Kph_u9p7[3]   5632     1_CmnVehSpd_Kph_u9p7[4]   5760     1_CmnVehSpd_Kph_u9p7[5]   5888     1_CmnVehSpd_Kph_u9p7[6]   6016     1_CmnVehSpd_Kph_u9p7[7]   6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2728 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]       161         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         t_CmnVehSpd_Kph_u9p7[0]       5248         t_CmnVehSpd_Kph_u9p7[1]       5376         t_CmnVehSpd_Kph_u9p7[2]       5504         t_CmnVehSpd_Kph_u9p7[3]       5632         t_CmnVehSpd_Kph_u9p7[4]       5760         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 3068 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       5248         12_FDN_ADPROllingTblYM_MtrNmpRadpS_um1p17[1][9]       5376         1_CmnVehSpd_Kph_u9p7[0]       5248         1_CmnVehSpd_Kph_u9p7[1]       5376         1_CmnVehSpd_Kph_u9p7[2]       5504         1_CmnVehSpd_Kph_u9p7[3]       5632         1_CmnVehSpd_Kph_u9p7[4]       5760         1_CmnVehSpd_Kph_u9p7[6]       6016         1_CmnVehSpd_Kph_u9p7[7]       6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 3409 |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         t_CmnVehSpd_Kph_u9p7[0]       5248         t_CmnVehSpd_Kph_u9p7[1]       5376         t_CmnVehSpd_Kph_u9p7[2]       5504         t_CmnVehSpd_Kph_u9p7[3]       5632         t_CmnVehSpd_Kph_u9p7[4]       5760         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 161  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 661 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 827 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 994 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1160 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 1326 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1493 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 1659 1_C_mnVehSpd_Kph_u9p7[0] 5248 1_C_mnVehSpd_Kph_u9p7[1] 5376 1_C_mnVehSpd_Kph_u9p7[2] 5504 1_C_mnVehSpd_Kph_u9p7[3] 5632 1_C_mnVehSpd_Kph_u9p7[3] 5632 1_C_mnVehSpd_Kph_u9p7[4] 5760 1_C_mnVehSpd_Kph_u9p7[5] 5888 1_C_mnVehSpd_Kph_u9p7[6] 6016 1_CmnVehSpd_Kph_u9p7[7] 6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 328  |
| 12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][9]       1659         t_CmnVehSpd_Kph_u9p7[0]       5248         t_CmnVehSpd_Kph_u9p7[1]       5376         t_CmnVehSpd_Kph_u9p7[2]       5504         t_CmnVehSpd_Kph_u9p7[3]       5632         t_CmnVehSpd_Kph_u9p7[4]       5760         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 494  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         t_CmnVehSpd_Kph_u9p7[0]       5248         t_CmnVehSpd_Kph_u9p7[1]       5376         t_CmnVehSpd_Kph_u9p7[2]       5504         t_CmnVehSpd_Kph_u9p7[3]       5632         t_CmnVehSpd_Kph_u9p7[4]       5760         t_CmnVehSpd_Kph_u9p7[5]       5888         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 661  |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         t_CmnVehSpd_Kph_u9p7[0]       5248         t_CmnVehSpd_Kph_u9p7[1]       5376         t_CmnVehSpd_Kph_u9p7[2]       5504         t_CmnVehSpd_Kph_u9p7[3]       5632         t_CmnVehSpd_Kph_u9p7[4]       5760         t_CmnVehSpd_Kph_u9p7[5]       5888         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 827  |
| t2_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][7]   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 994  |
| t2_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][8]     1493       t2_FDD_ADDRolling TblYM_MtrNmpRadpS_um1p17[1][9]     1659       t_CmnVehSpd_Kph_u9p7[0]     5248       t_CmnVehSpd_Kph_u9p7[1]     5376       t_CmnVehSpd_Kph_u9p7[2]     5504       t_CmnVehSpd_Kph_u9p7[3]     5632       t_CmnVehSpd_Kph_u9p7[4]     5760       t_CmnVehSpd_Kph_u9p7[5]     5888       t_CmnVehSpd_Kph_u9p7[6]     6016       t_CmnVehSpd_Kph_u9p7[7]     6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1160 |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]     1659       t_CmnVehSpd_Kph_u9p7[0]     5248       t_CmnVehSpd_Kph_u9p7[1]     5376       t_CmnVehSpd_Kph_u9p7[2]     5504       t_CmnVehSpd_Kph_u9p7[3]     5632       t_CmnVehSpd_Kph_u9p7[4]     5760       t_CmnVehSpd_Kph_u9p7[5]     5888       t_CmnVehSpd_Kph_u9p7[6]     6016       t_CmnVehSpd_Kph_u9p7[7]     6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1326 |
| t_CmnVehSpd_Kph_u9p7[0] 5248 t_CmnVehSpd_Kph_u9p7[1] 5376 t_CmnVehSpd_Kph_u9p7[2] 5504 t_CmnVehSpd_Kph_u9p7[3] 5632 t_CmnVehSpd_Kph_u9p7[4] 5760 t_CmnVehSpd_Kph_u9p7[5] 5888 t_CmnVehSpd_Kph_u9p7[6] 6016 t_CmnVehSpd_Kph_u9p7[7] 6144  | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1493 |
| t_CmnVehSpd_Kph_u9p7[1] 5376 t_CmnVehSpd_Kph_u9p7[2] 5504 t_CmnVehSpd_Kph_u9p7[3] 5632 t_CmnVehSpd_Kph_u9p7[4] 5760 t_CmnVehSpd_Kph_u9p7[5] 5888 t_CmnVehSpd_Kph_u9p7[6] 6016 t_CmnVehSpd_Kph_u9p7[7] 6144   | t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 1659 |
| t_CmnVehSpd_Kph_u9p7[2] 5504 t_CmnVehSpd_Kph_u9p7[3] 5632 t_CmnVehSpd_Kph_u9p7[4] 5760 t_CmnVehSpd_Kph_u9p7[5] 5888 t_CmnVehSpd_Kph_u9p7[6] 6016 t_CmnVehSpd_Kph_u9p7[7] 6144  | t_CmnVehSpd_Kph_u9p7[0]                         | 5248 |
| t_CmnVehSpd_Kph_u9p7[3] 5632 t_CmnVehSpd_Kph_u9p7[4] 5760 t_CmnVehSpd_Kph_u9p7[5] 5888 t_CmnVehSpd_Kph_u9p7[6] 6016 t_CmnVehSpd_Kph_u9p7[7] 6144   | t_CmnVehSpd_Kph_u9p7[1]                         | 5376 |
| t_CmnVehSpd_Kph_u9p7[4] 5760  t_CmnVehSpd_Kph_u9p7[5] 5888  t_CmnVehSpd_Kph_u9p7[6] 6016  t_CmnVehSpd_Kph_u9p7[7] 6144   | t_CmnVehSpd_Kph_u9p7[2]                         | 5504 |
| t_CmnVehSpd_Kph_u9p7[4]     5760       t_CmnVehSpd_Kph_u9p7[5]     5888       t_CmnVehSpd_Kph_u9p7[6]     6016       t_CmnVehSpd_Kph_u9p7[7]     6144  | t_CmnVehSpd_Kph_u9p7[3]                         | 5632 |
| t_CmnVehSpd_Kph_u9p7[5]       5888         t_CmnVehSpd_Kph_u9p7[6]       6016         t_CmnVehSpd_Kph_u9p7[7]       6144   | t_CmnVehSpd_Kph_u9p7[4]                         | 5760 |
| t_CmnVehSpd_Kph_u9p7[6] 6016<br>t_CmnVehSpd_Kph_u9p7[7] 6144   | t_CmnVehSpd_Kph_u9p7[5]                         | 5888 |
|  | t_CmnVehSpd_Kph_u9p7[6]                         | 6016 |
| 0.000  | t_CmnVehSpd_Kph_u9p7[7]                         | 6144 |
| (_Cmnvenspa_kpn_u9p/[8] 62/2   | t_CmnVehSpd_Kph_u9p7[8]                         | 6272 |

ADDCoefCalc

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| Name                                      | Input Value  |                |        |
|---|--------------|----------------|--------|
| t_CmnVehSpd_Kph_u9p7[9]                   | 6400         |                |        |
| t_CmnVehSpd_Kph_u9p7[10]                  | 6528         |                |        |
| t_CmnVehSpd_Kph_u9p7[11]                  | 6656         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 4506         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 4915         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]              | 5325         |                |        |
| t DmpADDCoefX MtrNm u4p12[3]              | 5734         |                |        |
| t DmpADDCoefX MtrNm u4p12[4]              | 6144         |                |        |
| t DmpADDCoefX MtrNm u4p12[5]              | 6554         |                |        |
| t DmpADDCoefX MtrNm u4p12[6]              | 6963         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 7373         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 7782         |                |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 8192         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 342          |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 683          |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1024         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1364         |                |        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[4] | 1705         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 2046         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 2387         |                |        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[7] | 2728         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 3068         |                |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 3409         |                |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 15           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 18           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 20           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 23           |                |        |
| t FDD BlendTblY Uls u8p8[4]               | 26           |                |        |
| t FDD BlendTblY Uls u8p8[5]               | 28           |                |        |
| t FDD BlendTblY Uls u8p8[6]               | 31           |                |        |
| t FDD BlendTblY Uls u8p8[7]               | 33           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 36           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 38           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 41           |                |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 44           |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 4915         |                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]           | 6554         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]           | 8192         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]           | 9830         |                |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]           | 11469        |                |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]               | 794          |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 819          |                |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]               | 845          |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 870          |                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 896          |                |        |
| Name                                      | Actual Value | Expected Value | Result |

| Τ                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntolVarXY u16 u16Xu16Y Cnt | 5     | IntolVarXY u16 u16Xu16Y Cnt | 5     |        |

0.0253202002

0.0253202 ± 0.00000009

| Test Step 1.32 (Repeat Count = 1)               |             | <b>~</b> |
|---|-------------|----------|
| Name  | Input Value |          |
| BaseAssistCmd_MtrNm_T_f32                       | 1.5         |          |
| VehicleSpeed_Kph_T_f32                          | 324.14      |          |
| WIRCmdAmpBInd_MtrNm_T_f32                       | 3.2         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 523         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1038        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1553        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2068        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2583        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3099        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3614        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4129        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4644        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 5159        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 342         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 683         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1024        |          |

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| Name  | Input Value  |                |       |
|---|--------------|----------------|-------|
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                                     | 1364         |                |       |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                                     | 1705         |                |       |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                                     | 2046         |                |       |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]                                     | 2387         |                |       |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                                     | 2728         |                |       |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                                     | 3068         |                |       |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                                     | 3409         |                |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 0            |                |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 0            |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 8602         |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 9011         |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 9421         |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 9830         |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 10240        |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 10650        |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 11059        |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 11469        |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 11878        |                |       |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 12288        |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 161          |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]   | 328<br>494   |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 661          |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 827          |                |       |
| t_FDD_ADDStaticToll_MitrNmpRadpS_um1p17[4]  | 994          |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 1160         |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 1326         |                |       |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]   | 1493         |                |       |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]   | 1659         |                |       |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 116          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[1]   | 118          |                |       |
| t FDD BlendTblY Uls u8p8[2]   | 121          |                |       |
| t FDD BlendTblY Uls u8p8[3]   | 123          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 126          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 129          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 131          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[7]   | 134          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 136          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 139          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[10]  | 141          |                |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 144          |                |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 1638         |                |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]   | 3277         |                |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 4915         |                |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]   | 6554         |                |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 8192         |                |       |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 1050         |                |       |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 1075         |                |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]   | 1101         |                |       |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 1126         |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1152         |                |       |
|   |              |                |       |
| Name  | Actual Value | Expected Value | Resul |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     | _        |





| Test Step 1.33 (Repeat Count = 1)  | <b>→</b>       |
|--|----------------|
| Name   | Input Value    |
| BaseAssistCmd_MtrNm_T_f32  | -1.5           |
| VehicleSpeed_Kph_T_f32   | 336            |
| WIRCmdAmpBInd_MtrNm_T_f32  | 3.3            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]  | 704            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 814            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]  | 924            |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 1034           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]    | 1144<br>1254   |
| t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][6]  | 1364           |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]  | 1475           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 1585           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 1695           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]  | 523            |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]  | 1038           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 1553           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 2068           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]  | 2583           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]  | 3099           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]<br>t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 3614<br>4129   |
| t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]    | 4644           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]  | 5159           |
| t_CmnVehSpd_Kph_u9p7[0]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[1]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[2]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[3]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[4]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[5]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[6]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[7]  | 32640<br>32640 |
| t_CmnVehSpd_Kph_u9p7[8]<br>t_CmnVehSpd_Kph_u9p7[9]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[10]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[11]   | 32640          |
| t_DmpADDCoefX_MtrNm_u4p12[0]   | 12698          |
| t_DmpADDCoefX_MtrNm_u4p12[1]   | 13107          |
| t_DmpADDCoefX_MtrNm_u4p12[2]   | 13517          |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 13926          |
| t_DmpADDCoefX_MtrNm_u4p12[4]   | 14336          |
| t_DmpADDCoefX_MtrNm_u4p12[5]   | 14746          |
| t_DmpADDCoefX_MtrNm_u4p12[6]<br>t_DmpADDCoefX_MtrNm_u4p12[7]                                       | 15155<br>15565 |
| t_DmpADDCoefX_MtrNm_u4p12[8]   | 15974          |
| t DmpADDCoefX MtrNm u4p12[9]   | 16384          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 161            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 328            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 494            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 661            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 827            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 994            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 1160           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 1326           |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]                | 1493<br>1659   |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 172            |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 174            |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 176            |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 178            |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 180            |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 183            |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 185            |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 187            |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 189            |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 191            |
| t_FDD_BlendTblY_Uls_u8p8[10]<br>t_FDD_BlendTblY_Uls_u8p8[11]                                       | 193<br>195     |
|  | 3277           |
| t RIAstWIRBIndTblY Uls u2p14[0]  |                |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]<br>t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                 | 4915           |
|  | 4915<br>6554   |

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| Name                            | Innut Value   |                           |        |
|---------------------------------|---------------|---------------------------|--------|
|                                 | Input Value   |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 9830          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1306          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1331          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1357          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1382          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1408          |                           |        |
| Name                            | Actual Value  | Expected Value            | Result |
| ADDCoefCalc()                   | 0.00417356379 | 0.004173564 ± 0.000000009 | ~      |

| T . |                             |       |                             |       | <b>✓</b> |  |
|-----|-----------------------------|-------|-----------------------------|-------|----------|--|
|     | Actual Function             | Count | Expected Function           | Count | Result   |  |
|     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~        |  |

| Test Step 1.34 (Repeat Count = 1)              | Invest Value |  |
|--|--------------|--|
| Name   | Input Value  |  |
| BaseAssistCmd_MtrNm_T_f32                      | 2.9          |  |
| VehicleSpeed_Kph_T_f32                         | 348.14       |  |
| WIRCmdAmpBInd_MtrNm_T_f32                      | 3.4          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 885          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 986          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1087         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1188         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1288         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 1389         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1490         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1591         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1692         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1793         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 704          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 814          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 924          |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1034         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1144         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1254         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1364         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1475         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1585         |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 1695         |  |
| _CmnVehSpd_Kph_u9p7[0]                         | 12800        |  |
| :_CmnVehSpd_Kph_u9p7[1]                        | 12928        |  |
| :_CmnVehSpd_Kph_u9p7[2]                        | 13056        |  |
| :_CmnVehSpd_Kph_u9p7[3]                        | 13184        |  |
| :_CmnVehSpd_Kph_u9p7[4]                        | 13312        |  |
| :_CmnVehSpd_Kph_u9p7[5]                        | 13440        |  |
| :_CmnVehSpd_Kph_u9p7[6]                        | 13568        |  |
| _CmnVehSpd_Kph_u9p7[7]                         | 13696        |  |
| _CmnVehSpd_Kph_u9p7[8]                         | 13824        |  |
| _CmnVehSpd_Kph_u9p7[9]                         | 13952        |  |
| _CmnVehSpd_Kph_u9p7[10]                        | 14080        |  |
| _CmnVehSpd_Kph_u9p7[11]                        | 14208        |  |
| _DmpADDCoefX_MtrNm_u4p12[0]                    | 16794        |  |
| _DmpADDCoefX_MtrNm_u4p12[1]                    | 17203        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]                    | 17613        |  |
| _DmpADDCoefX_MtrNm_u4p12[3]                    | 18022        |  |
| _DmpADDCoefX_MtrNm_u4p12[4]                    | 18432        |  |
| _DmpADDCoefX_MtrNm_u4p12[5]                    | 18842        |  |
| _DmpADDCoefX_MtrNm_u4p12[6]                    | 19251        |  |
| _DmpADDCoefX_MtrNm_u4p12[7]                    | 19661        |  |
| _DmpADDCoefX_MtrNm_u4p12[8]                    | 20070        |  |
| _DmpADDCoefX_MtrNm_u4p12[9]                    | 20480        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]       | 342          |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]       | 683          |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]       | 1024         |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]        | 1364         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]       | 1705         |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]        | 2046         |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]        | 2387         |  |
| <br>_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 2728         |  |
| E_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]      | 3068         |  |
| EFDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       | 3409         |  |

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ADDCoefCalc

| Name                            | Input Value   |                           |        |
|---------------------------------|---------------|---------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[0]     | 218           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[1]     | 220           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[2]     | 223           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[3]     | 225           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[4]     | 227           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[5]     | 230           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[6]     | 232           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[7]     | 234           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[8]     | 237           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[9]     | 239           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[10]    | 241           |                           |        |
| t_FDD_BlendTblY_Uls_u8p8[11]    | 243           |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0] | 4915          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1] | 6554          |                           |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2] | 8192          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3] | 9830          |                           |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4] | 11469         |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]     | 1562          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]     | 1587          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]     | 1613          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]     | 1638          |                           |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]     | 1664          |                           |        |
| Name                            | Actual Value  | Expected Value            | Result |
| ADDCoefCalc()                   | 0.00614841701 | 0.006148417 ± 0.000000009 | ~      |

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

| Test Step 1.35 (Repeat Count = 1)               | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | 3.7         |
| VehicleSpeed_Kph_T_f32                          | 360         |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 3.5         |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0] | 1066        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1212        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1359        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1506        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1653        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 1800        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1946        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 2093        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 2240        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 2387        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 885         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 986         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1087        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1188        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1288        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1389        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1490        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 1591        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 1692        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 1793        |
| t_CmnVehSpd_Kph_u9p7[0]                         | 128         |
| t_CmnVehSpd_Kph_u9p7[1]                         | 256         |
| t_CmnVehSpd_Kph_u9p7[2]                         | 384         |
| t_CmnVehSpd_Kph_u9p7[3]                         | 512         |
| t_CmnVehSpd_Kph_u9p7[4]                         | 640         |
| t_CmnVehSpd_Kph_u9p7[5]                         | 768         |
| t_CmnVehSpd_Kph_u9p7[6]                         | 896         |
| t_CmnVehSpd_Kph_u9p7[7]                         | 1024        |
| t_CmnVehSpd_Kph_u9p7[8]                         | 1152        |
| t_CmnVehSpd_Kph_u9p7[9]                         | 1280        |
| t_CmnVehSpd_Kph_u9p7[10]                        | 1408        |
| t_CmnVehSpd_Kph_u9p7[11]                        | 1536        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                    | 20890       |
| t_DmpADDCoefX_MtrNm_u4p12[1]                    | 21299       |
| t_DmpADDCoefX_MtrNm_u4p12[2]                    | 21709       |
| t_DmpADDCoefX_MtrNm_u4p12[3]                    | 22118       |

ADDCoefCalc

ADDCoefCalc()

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| Name                                      | Input Value   |                          |        |
|---|---------------|--------------------------|--------|
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 22528         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 22938         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 23347         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[7]              | 23757         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[8]              | 24166         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 24576         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 523           |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 1038          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1553          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2068          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2583          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3099          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 3614          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4129          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4644          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 5159          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 0             |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 0             |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]           | 6554          |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[1]           | 8192          |                          |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]           | 9830          |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 11469         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 13107         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 1766          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 1792          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 1818          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 1843          |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 1869          |                          |        |
| Name                                      | Actual Value  | Expected Value           | Result |
| ADDCoofColo()                             | 0.00200047224 | 0.000000473 + 0.00000000 | coun   |

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 5     | IntplVarXY u16 u16Xu16Y Cnt | 5     | _      |

0.00399017334

0.003990173 ± 0.000000009

| Test Step 1.36 (Repeat Count = 1)               | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| BaseAssistCmd_MtrNm_T_f32                       | -3.69       |
| VehicleSpeed_Kph_T_f32                          | 372.14      |
| WIRCmdAmpBlnd_MtrNm_T_f32                       | 3.6         |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1246        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1638        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 2030        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2422        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2814        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] | 3206        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3598        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 3990        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 4382        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 4774        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 1066        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1212        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1359        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1506        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1653        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1800        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1946        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 2093        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 2240        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 2387        |

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|   | 1             |                          |        |
|---|---------------|--------------------------|--------|
| Name                                      | Input Value   |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]                   | 2560          |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]                   | 3840          |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]                   | 5120          |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]                   | 6400          |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]                   | 7680          |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]                   | 8960          |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]                   | 10240         |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]                   | 11520         |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]                   | 12800         |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                   | 14080         |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                  | 15360         |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                  | 16640         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 24986         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 25395         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[2]              | 25805         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[3]              | 26214         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[4]              | 26624         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[5]              | 27034         |                          |        |
| t_DmpADDCoefX_MtrNm_u4p12[6]              | 27443         |                          |        |
| t DmpADDCoefX MtrNm u4p12[7]              | 27853         |                          |        |
| t DmpADDCoefX MtrNm u4p12[8]              | 28262         |                          |        |
| t DmpADDCoefX MtrNm u4p12[9]              | 28672         |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 704           |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 814           |                          |        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[2] | 924           |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 1034          |                          |        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[4] | 1144          |                          |        |
| t FDD ADDStaticTblY MtrNmpRadpS_um1p17[5] | 1254          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1364          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1475          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1585          |                          |        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 1695          |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[0]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[1]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[2]               | 256           |                          |        |
|   | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[3]               |               |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[4]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[5]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[6]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[7]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[9]               | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[10]              | 256           |                          |        |
| t_FDD_BlendTblY_Uls_u8p8[11]              | 256           |                          |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]           | 8192          |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]           | 9830          |                          |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]           | 11469         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]           | 13107         |                          |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]           | 14746         |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]               | 410           |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]               | 435           |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]               | 461           |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]               | 486           |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]               | 512           |                          |        |
| Name                                      | Actual Value  | Expected Value           | Result |
| ADDCoefCalc()                             | 0.00827023014 | 0.00827023 ± 0.000000009 | -      |

| T                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |

| Test Step 1.37 (Repeat Count = 1)               |             | <b>✓</b> |
|---|-------------|----------|
| Name  | Input Value |          |
| BaseAssistCmd_MtrNm_T_f32                       | 3.9         |          |
| VehicleSpeed_Kph_T_f32                          | 384.25      |          |
| WIRCmdAmpBind_MtrNm_T_f32                       | 3.7         |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1427        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1655        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 1884        |          |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2112        |          |

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ADDCoefCalc

| 710000000000   |                | (-410-10               |
|--|----------------|------------------------|
| Name   | Input Value    |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                  | 2340           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                  | 2568           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                  | 2796           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                  | 3024           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                  | 3252           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                  | 3480           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                  | 1246           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                  | 1638           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                  | 2030           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                  | 2422           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                  | 2814           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                  | 3206           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                  | 3598           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                  | 3990           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                  | 4382           |                        |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                  | 4774           |                        |
| t_CmnVehSpd_Kph_u9p7[0]  | 12800<br>12928 |                        |
| t_CmnVehSpd_Kph_u9p7[1]<br>t_CmnVehSpd_Kph_u9p7[2]               | 13056          |                        |
| t CmnVehSpd Kph u9p7[3]  | 13184          |                        |
| t_CmnVehSpd_Kph_u9p7[4]  | 13312          |                        |
| t CmnVehSpd Kph u9p7[5]  | 13440          |                        |
| t_CmnVehSpd_Kph_u9p7[6]  | 13568          |                        |
| t_CmnVehSpd_Kph_u9p7[7]  | 13696          |                        |
| t_CmnVehSpd_Kph_u9p7[8]  | 13824          |                        |
| t_CmnVehSpd_Kph_u9p7[9]  | 13952          |                        |
| t_CmnVehSpd_Kph_u9p7[10]   | 14080          |                        |
| t_CmnVehSpd_Kph_u9p7[11]   | 14208          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[0]                                     | 28262          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[1]                                     | 28672          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[2]                                     | 29082          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[3]                                     | 29491          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[4]                                     | 29901          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[5]                                     | 30310          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[6]                                     | 30720          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[7]                                     | 31130          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[8]                                     | 31539          |                        |
| t_DmpADDCoefX_MtrNm_u4p12[9]                                     | 31949          |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                        | 885            |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                        | 986            |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                        | 1087           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                        | 1188           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                        | 1288           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                        | 1389           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                        | 1490           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                        | 1591           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                        | 1692           |                        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                        | 1793           |                        |
| t_FDD_BlendTblY_Uls_u8p8[0]                                      | 116            |                        |
| t_FDD_BlendTblY_Uls_u8p8[1]                                      | 118            |                        |
| t_FDD_BlendTblY_Uls_u8p8[2]                                      | 121            |                        |
| t_FDD_BlendTblY_Uls_u8p8[3]                                      | 123            |                        |
| t_FDD_BlendTblY_Uls_u8p8[4]                                      | 126            |                        |
| t_FDD_BlendTblY_Uls_u8p8[5]                                      | 129            |                        |
| t_FDD_BlendTblY_Uls_u8p8[6]                                      | 131            |                        |
| t_FDD_BlendTblY_UIs_u8p8[7]                                      | 134            |                        |
| t_FDD_BlendTblY_Uls_u8p8[8]                                      | 136            |                        |
| t_FDD_BlendTblY_Uls_u8p8[9]                                      | 139<br>141     |                        |
| t_FDD_BlendTblY_Uls_u8p8[10]                                     | 141            |                        |
| t_FDD_BlendTbIY_Uls_u8p8[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]     | 6554           |                        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[u]  t_RIAstWIRBIndTbIY_UIs_u2p14[1] | 8192           |                        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                  | 9830           |                        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]                                  | 11469          |                        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]                                  | 13107          |                        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                                      | 666            |                        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                                      | 691            |                        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                                      | 717            |                        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]                                      | 742            |                        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                      | 768            |                        |
| Name   |                | pected Value Resul     |
| ADDCoefCalc()  |                | 08456621 ± 0.000000009 |
| v  | 0.00           |                        |

2014-09-19, 15:43:25+0530



ADDCoefCalc

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 5     | IntplVarXY_u16_u16Xu16Y_Cnt | 5     | ~      |



 Project
 FDD\_Inertia

 Module
 FDD\_Inertia\_FLTINJ

 Test Object
 GenFddlcCmd

#### Instrumentation: Test Object Only

| Statement (C0) Coverage  | 100 % |
|--------------------------|-------|
| <b>Decision Coverage</b> | 100 % |
| Branch (C1) Coverage     | 100 % |
| MCC Coverage             | 100 % |
| MC/DC Coverage           | 100 % |

#### **Statistics**

| Total Testcases | 2 |  |
|-----------------|---|--|
| Successful      | 2 |  |
| Failed          | 0 |  |
| Not Executed    | 0 |  |



#### **Module Properties**

| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp  |
|------------------------|---|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \ \FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \ \NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\\$(Projemprinde -I\\$( |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c   |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include  |

| Comments/Description/       | Specification  |
|-----------------------------|--|
| Name                        | Text   |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c   |
|                             | Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc   |
|                             | Module Design Document Version: 18 Data Dictionary Version: 16   |
|                             | Unit Test Plan Version: 6 Optimization Level: Level 2  |
|                             | Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro  |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994   |
|                             | Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328  |
|                             | Special Test Requirements: Test Date: 09-19-2014   |
|                             | Comments:  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.   |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication. |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |
|                             | ***************************************  |

| Attributes            |   |  |  |
|-----------------------|---|--|--|
| Name                  | Value   |  |  |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |  |  |
| Float Precision       | 9   |  |  |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |  |  |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |  |  |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |  |  |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |  |  |
| Target Install Path   | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre>                                 |  |  |
| Time Unit             | Cycles  |  |  |
| Timer Enabled         | false   |  |  |
| Timer Prescale        | 0   |  |  |
| Timer Resolution      | 1   |  |  |



| Attributes      |  |  |  |
|-----------------|--|--|--|
| Name            | Value  |  |  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |  |  |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |  |  |



#### Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 362.00 Cycles TS1.2 362.00 Cycles

Description

Test Vector Description:

TS1.1 "Shortest Execution Path:
(ScaledDriverVel\_MtrRadpS\_T\_f32>=D\_ATTENTBLMAXINPUT\_MTRRADPS\_F32)=True"
TS1.2 "Longest Execution Path:
(ScaledDriverVel\_MtrRadpS\_T\_f32>=D\_ATTENTBLMAXINPUT\_MTRRADPS\_F32)=False
(ScaledDriverVel\_MtrRadpS\_T\_f32<=D\_ATTENTBLMININPUT\_MTRRADPS\_F32)=False"

| Test Step 1.1 (Repeat Count = 1)  |                        |                          | ✓      |
|-----------------------------------|------------------------|--------------------------|--------|
| Name                              | Input Value            |                          |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.1                    |                          |        |
| Prev1SclDrvVel_RadpS_M_f32        | 22.2                   |                          |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 7.3                    |                          |        |
| Prev2SclDrvVel_RadpS_M_f32        | 10                     |                          |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -7226.652              |                          |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 240                    |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 320                    |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 49                     |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 51                     |                          |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.024534              |                          |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.124564               |                          |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0000456              |                          |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.0453                 |                          |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.3242                |                          |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.54523                |                          |        |
| Name                              | Actual Value           | Expected Value           | Result |
| GenFddlcCmd()                     | -0.330669165           | -0.330669151 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -1.6598295             | -1.659829464 ± 0.000009  | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -7226.65186            | -7226.652 ± 0.00390625   | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.10000002             | 1.1 ± 0.00048828125      | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 22.2000008             | 22.2 ± 0.00390625        | ~      |

| Τ                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | _      |

| Test Step 1.2 (Repeat Count = 1)  |                        |                          | V      |
|-----------------------------------|------------------------|--------------------------|--------|
| Name                              | Input Value            |                          |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -2.2                   |                          |        |
| Prev1SclDrvVel_RadpS_M_f32        | -16.66                 |                          |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.2                   |                          |        |
| Prev2SclDrvVel_RadpS_M_f32        | -3                     |                          |        |
| ScaledDriverVel_MtrRadpS_T_f32    | 10.2                   |                          |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 512                    |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 560                    |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 116                    |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 118                    |                          |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02345               |                          |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.15457                |                          |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.32                   |                          |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.766645               |                          |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.9789                |                          |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.3242                 |                          |        |
| Name                              | Actual Value           | Expected Value           | Result |
| GenFddlcCmd()                     | -0.334564269           | -0.334564171 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -0.738348722           | -0.738348516 ± 0.0000009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | 10.1999998             | 10.2 ± 0.00390625        | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.20000005            | -2.2 ± 0.00048828125     | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | -16.6599998            | -16.66 ± 0.00390625      | ·      |



| T                           |       |                             |      |        |    |
|-----------------------------|-------|-----------------------------|------|--------|----|
| Actual Function             | Count | Expected Function           | Coun | t Resu | lt |
| 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:

TS2.1 362.00 Cycles
TS2.2 362.00 Cycles
TS2.3 362.00 Cycles
TS2.3 362.00 Cycles
TS2.4 362.00 Cycles
TS2.5 362.00 Cycles
TS2.6 362.00 Cycles
TS2.7 362.00 Cycles
TS2.7 362.00 Cycles
TS2.10 362.00 Cycles
TS2.11 362.00 Cycles
TS2.12 374.00 Cycles
TS2.13 374.00 Cycles
TS2.14 374.00 Cycles
TS2.15 362.00 Cycles
TS2.15 362.00 Cycles
TS2.17 362.00 Cycles
TS2.18 362.00 Cycles
TS2.19 362.00 Cycles
TS2.20 374.00 Cycles
TS2.21 374.00 Cycles
TS2.22 374.00 Cycles
TS2.22 374.00 Cycles
TS2.23 374.00 Cycles
TS2.24 362.00 Cycles
TS2.25 362.00 Cycles
TS2.25 362.00 Cycles
TS2.26 362.00 Cycles
TS2.27 374.00 Cycles
TS2.28 362.00 Cycles
TS2.29 362.00 Cycles
TS2.29 362.00 Cycles
TS2.21 374.00 Cycles
TS2.23 362.00 Cycles
TS2.23 362.00 Cycles
TS2.24 362.00 Cycles
TS2.31 362.00 Cycles
TS2.32 362.00 Cycles
TS2.33 362.00 Cycles
TS2.34 362.00 Cycles
TS2.35 374.00 Cycles
TS2.36 362.00 Cycles
TS2.37 362.00 Cycles
TS2.38 362.00 Cycles
TS2.39 362.00 Cycles
TS2.41 374.00 Cycles
TS2.43 374.00 Cycles
TS2.44 362.00 Cycles
TS2.45 362.00 Cycles
TS2.46 374.00 Cycles
TS2.47 362.00 Cycles
TS2.48 362.00 Cycles
TS2.48 362.00 Cycles
TS2.49 362.00 Cycles
TS2.49 362.00 Cycles
TS2.55 362.00 Cycles
TS2.55 362.00 Cycles



#### **Description** Test Vector Description

```
TS2.1 All min
TS2.2 All max
TS2.3 ScaledDriverVel_MtrRadpS_T_f32 = min
TS2.4 ScaledDriverVel_MtrRadpS_T_f32 = max
TS2.5 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.6 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = neg
TS2.8 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.9 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.10 filtCoef_Uls_T_Str.b0_Uls_f32 = mid
TS2.11 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.12 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.13 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.14 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.15 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.16 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.17 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.19 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.19 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.20 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.21 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.22 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.23 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.24 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.25 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.26 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.27 prev2ScIDrvVel_RadpS_M_f32 = max
TS2.29 prev2ScIDrvVel_RadpS_M_f32 = neax
TS2.20 prev2ScIDrvVel_RadpS_M_f32 = neax
TS2.20 prev2ScIDrvVel_RadpS_M_f32 = neax
TS2
    TS2.1 All min
   TS2.2
                                          All max
    TS2.28
                                                Prev2ScIDrvVel_RadpS_M_f32 = zero
                                                Prev2ScIDrvVel_RadpS_M_f32 = neg
Prev2ScIDrvVel_RadpS_M_f32 = pos
Prev1ScIDrvVel_RadpS_M_f32 = min
    TS2.29
    TS2.30
    TS2.31
                                                Prev1ScIDrvVel_RadpS_M_f32 = max
Prev1ScIDrvVel_RadpS_M_f32 = zero
Prev1ScIDrvVel_RadpS_M_f32 = neg
    TS2.32
    TS2.33
    TS2.34
                                                Prev1SciDrvVel_RadpS_M_f32 = pos
Prev1PreAttnComp_MtrNm_M_f32 = min
Prev1PreAttnComp_MtrNm_M_f32 = max
    TS2.35
TS2.36
    TS2.37
                                                Prev1PreAttnComp_MtrNm_M_f32 = zero
Prev1PreAttnComp_MtrNm_M_f32 = neg
Prev1PreAttnComp_MtrNm_M_f32 = pos
    TS2.38
    TS2 39
    TS2.40
                                                Prev2PreAttnComp_MtrNm_M_f32 = min
Prev2PreAttnComp_MtrNm_M_f32 = max
Prev2PreAttnComp_MtrNm_M_f32 = zero
    TS2.41
    TS2 42
    TS2.43
    TS2.44
                                                Prev2PreAttnComp_MtrNm_M_f32 = neg
                                                Prev2PreAttnComp_MtrNm_M_f32 = pos
t_FDD_AttenTbIX_MtrRadpS_u12p4[2] = min
    TS2.45
TS2.46
                                             t_FDD_AttenTblX_MtrRadpS_u12p4[2] = min
t_FDD_AttenTblX_MtrRadpS_u12p4[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = min
t_FDD_AttenTblY_Uls_u8p8[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = mid
      TS2.47
    TS2.48
TS2.49
```

| Test Step 2.1 (Repeat Count = 1)  |                        |                        | •      |
|-----------------------------------|------------------------|------------------------|--------|
| Name                              | Input Value            |                        |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.8                   |                        |        |
| Prev1SclDrvVel_RadpS_M_f32        | -12917.3               |                        |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.8                   |                        |        |
| Prev2SclDrvVel_RadpS_M_f32        | -12917.3               |                        |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -7226.652              |                        |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 0                      |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 0                      |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 0                      |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 0                      |                        |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -2.741562052           |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0                      |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | -0.160083862           |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.5525885              |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -7.9996842             |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.0504234              |                        |        |
| Name                              | Actual Value           | Expected Value         | Result |
| GenFddlcCmd()                     | 0                      | 0 ± 0.000009           | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 9012.61621             | 9012.617156 ± 0.009    | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -7226.65186            | -7226.652 ± 0.00390625 | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.80000019            | -8.8 ± 0.00048828125   | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | -12917.2998            | -12917.3 ± 0.00390625  | ·      |

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

**Actual Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Count Result



| Test Step 2.2 (Repeat Count = 1)  |                        |                       | <b>✓</b> |
|-----------------------------------|------------------------|-----------------------|----------|
| Name                              | Input Value            |                       |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 8.8                    |                       |          |
| Prev1SclDrvVel_RadpS_M_f32        | 12917.3                |                       |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.8                    |                       |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 12917.3                |                       |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 7226.652               |                       |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 17600                  |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 17600                  |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 256                    |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 256                    |                       |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | 0                      |                       |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.330448               |                       |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 2.411114052            |                       |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.9498924              |                       |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -4.8417266             |                       |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 10.6056849             |                       |          |
| Name                              | Actual Value           | Expected Value        | Result   |
| GenFddlcCmd()                     | 2046.13135             | 2046.131531 ± 0.009   | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 2046.13135             | 2046.131531 ± 0.009   | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 7226.65186             | 7226.652 ± 0.00390625 | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.80000019             | 8.8 ± 0.00048828125   | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | 12917.2998             | 12917.3 ± 0.00390625  | ~        |

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

| Test Step 2.3 (Repeat Count = 1)  |                        |                          | <b>✓</b> |
|-----------------------------------|------------------------|--------------------------|----------|
| Name                              | Input Value            |                          |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.1                    |                          |          |
| Prev1SclDrvVel_RadpS_M_f32        | 22.2                   |                          |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 7.3                    |                          |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 10                     |                          |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -7226.652              |                          |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 240                    |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 320                    |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 49                     |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 51                     |                          |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.024534              |                          |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.124564               |                          |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0000456              |                          |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.0453                 |                          |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.3242                |                          |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.54523                |                          |          |
| Name                              | Actual Value           | Expected Value           | Result   |
| GenFddlcCmd()                     | -0.330669165           | -0.330669151 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -1.6598295             | -1.659829464 ± 0.000009  | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | -7226.65186            | -7226.652 ± 0.00390625   | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.10000002             | 1.1 ± 0.00048828125      | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | 22.2000008             | 22.2 ± 0.00390625        | ~        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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            |  |
| Prev1PreAttnComp_MtrNm_M_f32     | -1.1                   |  |
| Prev1ScIDrvVel_RadpS_M_f32       | -4.21                  |  |
| Prev2PreAttnComp_MtrNm_M_f32     | -6.8                   |  |
| Prev2ScIDrvVel_RadpS_M_f32       | -2                     |  |
| ScaledDriverVel_MtrRadpS_T_f32   | 7226.652               |  |
| filtCoef_Uls_T_Str               | tgt_filtCoef_Uls_T_Str |  |



| Name                              | Input Value  |                         |        |
|-----------------------------------|--------------|-------------------------|--------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 352          |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 400          |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 65           |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 68           |                         |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.0332      |                         |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.13456      |                         |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0005345    |                         |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.45675      |                         |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.45654     |                         |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.757645     |                         |        |
| Name                              | Actual Value | Expected Value          | Result |
| GenFddlcCmd()                     | 0.509668887  | 0.509668855 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.91875339   | 1.918753337 ± 0.000009  | ~      |
| Prev1ScIDrvVel_RadpS_M_f32        | 7226.65186   | 7226.652 ± 0.00390625   | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.10000002  | -1.1 ± 0.00048828125    | ~      |
| Prev2ScIDrvVel_RadpS_M_f32        | -4.21000004  | -4.21 ± 0.00390625      | ~      |

| Τ                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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            |                        |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 6.6                    |                        |        |
| Prev1ScIDrvVel_RadpS_M_f32        | 26.1                   |                        |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.3                    |                        |        |
| Prev2ScIDrvVel_RadpS_M_f32        | 17.03                  |                        |        |
| ScaledDriverVel_MtrRadpS_T_f32    | 0                      |                        |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1088                   |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1120                   |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 129                    |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 131                    |                        |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.006363              |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2574                 |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00145                |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.55765                |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.7898                |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.8534                 |                        |        |
| Name                              | Actual Value           | Expected Value         | Result |
| GenFddlcCmd()                     | 0.782138526            | 0.78213851 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.55215085             | 1.552150842 ± 0.000009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | 0                      | 0 ± 0.00390625         | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.599999               | 6.6 ± 0.00048828125    | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 26.1000004             | 26.1 ± 0.00390625      | ~      |

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

| Test Step 2.6 (Repeat Count = 1)  |                        |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| Prev1PreAttnComp_MtrNm_M_f32      | -2.2                   |
| Prev1SclDrvVel_RadpS_M_f32        | -16.66                 |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.2                   |
| Prev2SclDrvVel_RadpS_M_f32        | -3                     |
| ScaledDriverVel_MtrRadpS_T_f32    | 10.2                   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 512                    |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 560                    |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 116                    |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 118                    |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02345               |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.15457                |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.1                    |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.766645               |



| Name                              | Input Value  |                         |          |
|-----------------------------------|--------------|-------------------------|----------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.9789      |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.3242       |                         |          |
| Name                              | Actual Value | Expected Value          | Result   |
| GenFddlcCmd()                     | 0.157648206  | 0.157648289 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 0.347913265  | 0.347913465 ± 0.0000009 | ✓        |
| Prev1SclDrvVel_RadpS_M_f32        | 10.1999998   | 10.2 ± 0.00390625       | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.20000005  | -2.2 ± 0.00048828125    | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | -16.6599998  | -16.66 ± 0.00390625     | <b>✓</b> |

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

| Test Step 2.7 (Repeat Count = 1)  |                        |                         | <b>✓</b> |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.3                    |                         |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 26.45                  |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.2                    |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | 17.12                  |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -10.3                  |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 512                    |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 560                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 144                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 146                    |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.03123               |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.16878                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 2.2                    |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.27867                |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.24234               |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.67452                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -1.8318522             | -1.831852049 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.25662613            | -3.256625864 ± 0.000009 | ~        |
| Prev1ScIDrvVel_RadpS_M_f32        | -10.3000002            | -10.3 ± 0.00390625      | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 3.2999995              | 3.3 ± 0.00048828125     | ✓        |
| Prev2SclDrvVel_RadpS_M_f32        | 26.4500008             | 26.45 ± 0.00390625      | ~        |

| T                           |       |                             |       | 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            |                      |       |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.3                   |                      |       |
| Prev1SclDrvVel_RadpS_M_f32        | -4.21                  |                      |       |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.3                   |                      |       |
| Prev2SclDrvVel_RadpS_M_f32        | -33.32                 |                      |       |
| ScaledDriverVel_MtrRadpS_T_f32    | 2562.6                 |                      |       |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                      |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 656                    |                      |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 720                    |                      |       |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 172                    |                      |       |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 174                    |                      |       |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -2.741562052           |                      |       |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.175634               |                      |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.8                    |                      |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.16756                |                      |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.9789                |                      |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.77453                |                      |       |
| Name                              | Actual Value           | Expected Value       | Resul |
| GenFddlcCmd()                     | 470.300568             | 470.3005767 ± 0.0009 | •     |
| Prev1PreAttnComp_MtrNm_M_f32      | 691.936462             | 691.9364807 ± 0.0009 |       |
| Prev1ScIDrvVel_RadpS_M_f32        | 2562.6001              | 2562.6 ± 0.00390625  | •     |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.2999995             | -3.3 ± 0.00048828125 | •     |
| Prev2SclDrvVel RadpS M f32        | -4.21000004            | -4.21 ± 0.00390625   |       |



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

| Test Step 2.9 (Repeat Count = 1)  |                        |                       | <b>✓</b> |
|-----------------------------------|------------------------|-----------------------|----------|
| Name                              | Input Value            |                       |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 4.4                    |                       |          |
| Prev1SclDrvVel_RadpS_M_f32        | 1234.56                |                       |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.3                    |                       |          |
| Prev2SclDrvVel_RadpS_M_f32        | 4678.14                |                       |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -2.8                   |                       |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 768                    |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 800                    |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 218                    |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 220                    |                       |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | 0                      |                       |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.184534               |                       |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.9                    |                       |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.92453                |                       |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.535                 |                       |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.452345               |                       |          |
| Name                              | Actual Value           | Expected Value        | Result   |
| GenFddlcCmd()                     | 21.4257507             | 21.42575176 ± 0.00009 | <b>✓</b> |
| Prev1PreAttnComp_MtrNm_M_f32      | 25.1605148             | 25.16051583 ± 0.00009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | -2.7999995             | -2.8 ± 0.00390625     | -        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.4000001              | 4.4 ± 0.00048828125   | -        |
| Prev2SclDrvVel_RadpS_M_f32        | 1234.56006             | 1234.56 ± 0.00390625  | <b>✓</b> |

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

| Test Step 2.10 (Repeat Count = 1) |                        |                         | ✓        |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -4.4                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -27.55                 |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.7                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -15                    |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 3.5                    |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 784                    |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 880                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 63                     |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 66                     |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.003467              |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.1945645              |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.9                    |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.823423               |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.78987               |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.6345                 |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -0.823069274           | -0.82306927 ± 0.0000009 | •        |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.34453535            | -3.344535448 ± 0.000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 3.5                    | 3.5 ± 0.00390625        | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -4.4000001             | -4.4 ± 0.00048828125    | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -27.5499992            | -27.55 ± 0.00390625     | ~        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |



| Test Step 2.11 (Repeat Count = 1) |                        |                          | V      |
|-----------------------------------|------------------------|--------------------------|--------|
| Name                              | Input Value            |                          |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 5.5                    |                          |        |
| Prev1SclDrvVel_RadpS_M_f32        | 6789.565               |                          |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.7                    |                          |        |
| Prev2SclDrvVel_RadpS_M_f32        | 5322.14                |                          |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -3.9                   |                          |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 944                    |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 960                    |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 78                     |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 80                     |                          |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.004353              |                          |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0                      |                          |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0016456              |                          |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.7234                 |                          |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.64564               |                          |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.36567                |                          |        |
| Name                              | Actual Value           | Expected Value           | Result |
| GenFddlcCmd()                     | 0.0503453612           | 0.050345373 ± 0.00000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 0.165236056            | 0.165236095 ± 0.0000009  | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -3.9000001             | -3.9 ± 0.00390625        | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.5                    | 5.5 ± 0.00048828125      | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 6789.56494             | 6789.565 ± 0.00390625    | ~      |

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

| Test Step 2.12 (Repeat Count = 1) |                        |                          | <b>✓</b> |
|-----------------------------------|------------------------|--------------------------|----------|
| Name                              | Input Value            |                          |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -5.5                   |                          |          |
| Prev1SclDrvVel_RadpS_M_f32        | -37.15                 |                          |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.3                   |                          |          |
| Prev2ScIDrvVel_RadpS_M_f32        | -42.02                 |                          |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 1444.1                 |                          |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1008                   |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1040                   |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 106                    |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 109                    |                          |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.005456              |                          |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.330448               |                          |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.001767               |                          |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.65674                |                          |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.4234                |                          |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.94645                |                          |          |
| Name                              | Actual Value           | Expected Value           | Result   |
| GenFddlcCmd()                     | -0.619547307           | -0.619547276 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -1.45508361            | -1.45508351 ± 0.000009   | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 1444.09998             | 1444.1 ± 0.00390625      | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.5                   | -5.5 ± 0.00048828125     | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -37.1500015            | -37.15 ± 0.00390625      | ~        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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            |
| Prev1PreAttnComp_MtrNm_M_f32      | 6.6                    |
| Prev1ScIDrvVel_RadpS_M_f32        | 26.1                   |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.3                    |
| Prev2ScIDrvVel_RadpS_M_f32        | 17.03                  |
| ScaledDriverVel_MtrRadpS_T_f32    | -2234.7                |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |



| Name                              | Input Value  |                        |        |
|-----------------------------------|--------------|------------------------|--------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1088         |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1120         |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 129          |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 131          |                        |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.006363    |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2574       |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00145      |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.55765      |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.7898      |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.8534       |                        |        |
| Name                              | Actual Value | Expected Value         | Result |
| GenFddlcCmd()                     | 0.625984669  | 0.62598471 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.22329831   | 1.223298365 ± 0.000009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -2234.69995  | -2234.7 ± 0.00390625   | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.5999999    | 6.6 ± 0.00048828125    | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 26.1000004   | 26.1 ± 0.00390625      | ~      |

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

| Test Step 2.14 (Repeat Count = 1) |                        |                        | ✓      |
|-----------------------------------|------------------------|------------------------|--------|
| Name                              | Input Value            |                        |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -6.6                   |                        |        |
| Prev1SclDrvVel_RadpS_M_f32        | -33.1                  |                        |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -7.5                   |                        |        |
| Prev2SclDrvVel_RadpS_M_f32        | -22.04                 |                        |        |
| ScaledDriverVel_MtrRadpS_T_f32    | 1555.6                 |                        |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1152                   |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1200                   |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 157                    |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 161                    |                        |        |
| tgt_filtCoef_UIs_T_Str.b0_UIs_f32 | -0.00745745            |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2454                 |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | -0.160083862           |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.44564                |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.53524               |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.254                  |                        |        |
| Name                              | Actual Value           | Expected Value         | Result |
| GenFddlcCmd()                     | -18.191328             | -18.1913286 ± 0.00009  | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -28.9253426            | -28.92534236 ± 0.00009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | 1555.59998             | 1555.6 ± 0.00390625    | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | -6.5999999             | -6.6 ± 0.00048828125   | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | -33.0999985            | -33.1 ± 0.00390625     | ~      |

| Τ                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~      |

| Test Step 2.15 (Repeat Count = 1) | · Control of the cont |
|-----------------------------------|--|
| Name                              | Input Value  |
| Prev1PreAttnComp_MtrNm_M_f32      | 7.7  |
| Prev1SclDrvVel_RadpS_M_f32        | 18   |
| Prev2PreAttnComp_MtrNm_M_f32      | 7.5  |
| Prev2SclDrvVel_RadpS_M_f32        | 28.01  |
| ScaledDriverVel_MtrRadpS_T_f32    | -5.8   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1232   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1280   |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 183  |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 185  |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00864   |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.31545  |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 2.411114052  |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.3454   |



| Name                              | Input Value  |                        |          |
|-----------------------------------|--------------|------------------------|----------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.6353      |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.63432      |                        |          |
| Name                              | Actual Value | Expected Value         | Result   |
| GenFddlcCmd()                     | 1.29496682   | 1.294967011 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.81153834   | 1.811538551 ± 0.000009 | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | -5.80000019  | -5.8 ± 0.00390625      | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 7.6999981    | 7.7 ± 0.00048828125    | <b>✓</b> |
| Prev2ScIDrvVel_RadpS_M_f32        | 18           | 18 ± 0.00390625        | ~        |

| T                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -7.7                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -28.02                 |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -6.5                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -27                    |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 6.2                    |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1296                   |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1360                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 230                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 232                    |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.009585              |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.32554                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | -0.1496                |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.234535               |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.634453              |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 9.35435                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -3.82750082            | -3.827500822 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -4.26017475            | -4.260174828 ± 0.000009 | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | 6.19999981             | 6.2 ± 0.00390625        | •        |
| Prev2PreAttnComp_MtrNm_M_f32      | -7.6999981             | -7.7 ± 0.00048828125    | ✓        |
| Prev2SclDrvVel_RadpS_M_f32        | -28.0200005            | -28.02 ± 0.00390625     | ~        |

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

| Name                              | Input Value            |                         |       |
|-----------------------------------|------------------------|-------------------------|-------|
| Prev1PreAttnComp_MtrNm_M_f32      | 1.5                    |                         |       |
| Prev1ScIDrvVel RadpS M f32        | 24.06                  |                         |       |
| Prev2PreAttnComp MtrNm M f32      | 6.5                    |                         |       |
| Prev2ScIDrvVel_RadpS_M_f32        | 32.56                  |                         |       |
| ScaledDriverVel_MtrRadpS_T_f32    | -6.3                   |                         |       |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1344                   |                         |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1440                   |                         |       |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 71                     |                         |       |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 74                     |                         |       |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00365               |                         |       |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.26745                |                         |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00006456             |                         |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.5525885              |                         |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.4564                |                         |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.134534               |                         |       |
| Name                              | Actual Value           | Expected Value          | Resul |
| GenFddlcCmd()                     | 0.371916622            | 0.371916637 ± 0.0000009 |       |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.34099519             | 1.340995197 ± 0.000009  |       |
| Prev1ScIDrvVel_RadpS_M_f32        | -6.3000019             | -6.3 ± 0.00390625       |       |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.5                    | 1.5 ± 0.00048828125     |       |
| Prev2ScIDrvVel RadpS M f32        | 24.0599995             | 24.06 ± 0.00390625      |       |



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

| Test Step 2.18 (Repeat Count = 1) |                        |                         | ✓        |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -1.5                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -16.05                 |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -4.5                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -25.25                 |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 7.4                    |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1520                   |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1568                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 86                     |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 88                     |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.01423               |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.27344                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0014534              |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.9498924              |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.4535                |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.34564                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | 0.164055958            | 0.164056011 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 0.488352627            | 0.488352776 ± 0.0000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 7.4000001              | 7.4 ± 0.00390625        | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.5                   | -1.5 ± 0.00048828125    | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -16.0499992            | -16.05 ± 0.00390625     | <b>✓</b> |

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

| Test Step 2.19 (Repeat Count = 1) |                        |                        | ✓      |
|-----------------------------------|------------------------|------------------------|--------|
| Name                              | Input Value            |                        |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 2.5                    |                        |        |
| Prev1SclDrvVel_RadpS_M_f32        | 100.04                 |                        |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.5                    |                        |        |
| Prev2SclDrvVel_RadpS_M_f32        | 97                     |                        |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -7.5                   |                        |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1552                   |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1600                   |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 114                    |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 116                    |                        |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02342               |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.28546                |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.000745               |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.453723               |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.5345                |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.94534                |                        |        |
| Name                              | Actual Value           | Expected Value         | Result |
| GenFddlcCmd()                     | 1.44737673             | 1.447376757 ± 0.000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.25024962             | 3.25024956 ± 0.000009  | ~      |
| Prev1ScIDrvVel_RadpS_M_f32        | -7.5                   | -7.5 ± 0.00390625      | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.5                    | 2.5 ± 0.00048828125    | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 100.040001             | 100.04 ± 0.00390625    | ~      |

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



| Test Step 2.20 (Repeat Count = 1) |                        |                         | <b>✓</b> |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -2.5                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -69.4                  |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.5                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -59.65                 |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 1500.02                |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1616                   |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1680                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 136                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 139                    |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.03452               |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2956                 |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00053453             |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.6345                 |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -7.9996842             |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.84563                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -2.45213747            | -2.452137655 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -4.51616669            | -4.516167192 ± 0.000009 | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 1500.02002             | 1500.02 ± 0.00390625    | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.5                   | -2.5 ± 0.00048828125    | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -69.4000015            | -69.4 ± 0.00390625      | <b>✓</b> |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 2.21 (Repeat Count = 1) |                        |                          | <b>✓</b> |
|-----------------------------------|------------------------|--------------------------|----------|
| Name                              | Input Value            |                          |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.5                   |                          |          |
| Prev1ScIDrvVel_RadpS_M_f32        | -49.65                 |                          |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.4                   |                          |          |
| Prev2ScIDrvVel_RadpS_M_f32        | -36.5                  |                          |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 2500.06                |                          |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1728                   |                          |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1760                   |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 63                     |                          |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 66                     |                          |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.043453              |                          |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2945                 |                          |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00135                |                          |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.73453                |                          |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -4.8417266             |                          |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.2325                 |                          |          |
| Name                              | Actual Value           | Expected Value           | Result   |
| GenFddlcCmd()                     | -0.778024733           | -0.778024749 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.01779294            | -3.017792967 ± 0.000009  | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 2500.06006             | 2500.06 ± 0.00390625     | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.5                   | -3.5 ± 0.00048828125     | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -49.6500015            | -49.65 ± 0.00390625      | ~        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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            |  |
| Prev1PreAttnComp_MtrNm_M_f32      | 4.5                    |  |
| Prev1SclDrvVel_RadpS_M_f32        | 22.54                  |  |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.4                    |  |
| Prev2SclDrvVel_RadpS_M_f32        | 11                     |  |
| ScaledDriverVel_MtrRadpS_T_f32    | -2500.08               |  |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |  |



| Name                              | Input Value  |                        |          |
|-----------------------------------|--------------|------------------------|----------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1776         |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1840         |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 189          |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 191          |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.05342     |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.3036       |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0004234    |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.845555     |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.5474      |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.342        |                        |          |
| Name                              | Actual Value | Expected Value         | Result   |
| GenFddlcCmd()                     | 2.5159831    | 2.515983222 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.37220788   | 3.372207879 ± 0.000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | -2500.08008  | -2500.08 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.5          | 4.5 ± 0.00048828125    | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | 22.5400009   | 22.54 ± 0.00390625     | ~        |

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

| Test Step 2.23 (Repeat Count = 1) |                        |                         | <b>✓</b> |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -4.5                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -48.54                 |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.1                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -38.54                 |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 3500.06                |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 160                    |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1920                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 237                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 239                    |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.01123               |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.30564                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00023453             |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 0.95464                |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.345345              |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.0504234              |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -9.47003937            | -9.470039831 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -10.1436405            | -10.14364099 ± 0.00009  | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 3500.06006             | 3500.06 ± 0.00390625    | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -4.5                   | -4.5 ± 0.00048828125    | •        |
| Prev2SclDrvVel_RadpS_M_f32        | -48.5400009            | -48.54 ± 0.00390625     | •        |

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

| Test Step 2.24 (Repeat Count = 1) |                        |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| Prev1PreAttnComp_MtrNm_M_f32      | 6.5                    |
| Prev1SclDrvVel_RadpS_M_f32        | 163.65                 |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.1                    |
| Prev2SclDrvVel_RadpS_M_f32        | 175                    |
| ScaledDriverVel_MtrRadpS_T_f32    | -3.02                  |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 176                    |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2000                   |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 49                     |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 51                     |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02123               |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.31564                |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 2.1                    |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.05678                |



| Name                              | Input Value  |                        |          |
|-----------------------------------|--------------|------------------------|----------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.53454     |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 10.6056849   |                        |          |
| Name                              | Actual Value | Expected Value         | Result   |
| GenFddlcCmd()                     | 1.37899768   | 1.378997719 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 7.20455933   | 7.204559509 ± 0.000009 | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | -3.01999998  | -3.02 ± 0.00390625     | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.5          | 6.5 ± 0.00048828125    | <b>✓</b> |
| Prev2ScIDrvVel_RadpS_M_f32        | 163.649994   | 163.65 ± 0.00390625    | <b>✓</b> |

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

| Test Step 2.25 (Repeat Count = 1) |                        |                         | ✓        |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -6.5                   |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -90.36                 |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.1                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -120.23                |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 4.1                    |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 192                    |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2080                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 65                     |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 68                     |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.03234               |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.3245                 |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.3                    |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.1345                 |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.84564               |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.64584                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -2.11698532            | -2.116985416 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.33766556            | -8.337665637 ± 0.000009 | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | 4.0999999              | 4.1 ± 0.00390625        | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -6.5                   | -6.5 ± 0.00048828125    | •        |
| Prev2SclDrvVel_RadpS_M_f32        | -90.3600006            | -90.36 ± 0.00390625     | ~        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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            |                       |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 2.5                    |                       |        |
| Prev1SclDrvVel_RadpS_M_f32        | 100.04                 |                       |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.5                    |                       |        |
| Prev2SclDrvVel_RadpS_M_f32        | -12917.3               |                       |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -7.5                   |                       |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                       |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1552                   |                       |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1600                   |                       |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 114                    |                       |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 116                    |                       |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02342               |                       |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.28546                |                       |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.000745               |                       |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.453723               |                       |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.5345                |                       |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.94534                |                       |        |
| Name                              | Actual Value           | Expected Value        | Result |
| GenFddlcCmd()                     | 16.6205254             | 16.62052631 ± 0.00009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 37.3232841             | 37.32328714 ± 0.00009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -7.5                   | -7.5 ± 0.00390625     | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.5                    | 2.5 ± 0.00048828125   | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 100.040001             | 100.04 ± 0.00390625   | ~      |



| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | <b>✓</b> |

| Test Step 2.27 (Repeat Count = 1) |                        |                        | ✓        |
|-----------------------------------|------------------------|------------------------|----------|
| Name                              | Input Value            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -7.5                   |                        |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 250.45                 |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -7.7                   |                        |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 12917.3                |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -39.07                 |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 224                    |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2240                   |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 116                    |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 118                    |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.005534              |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.25856                |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.65                   |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.3678                 |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.734                 |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.245645               |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | -11.8644609            | -11.86446038 ± 0.00009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -26.1836376            | -26.18363669 ± 0.00009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | -39.0699997            | -39.07 ± 0.00390625    | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -7.5                   | -7.5 ± 0.00048828125   | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | 250.449997             | 250.45 ± 0.00390625    |          |

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

| Test Step 2.28 (Repeat Count = 1) |                        |                      | <b>✓</b> |
|-----------------------------------|------------------------|----------------------|----------|
| Name                              | Input Value            |                      |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 8.5                    |                      |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 5000.65                |                      |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 7.7                    |                      |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 0                      |                      |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 6075.09                |                      |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                      |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 240                    |                      |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2320                   |                      |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 144                    |                      |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 146                    |                      |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00634               |                      |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.259346               |                      |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.35                   |                      |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.4786                 |                      |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.84764               |                      |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.365                  |                      |          |
| Name                              | Actual Value           | Expected Value       | Result   |
| GenFddlcCmd()                     | 452.265015             | 452.2649718 ± 0.0009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 793.012634             | 793.0125532 ± 0.0009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 6075.08984             | 6075.09 ± 0.00390625 | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.5                    | 8.5 ± 0.00048828125  | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | 5000.6499              | 5000.65 ± 0.00390625 | ~        |

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



| Test Step 2.29 (Repeat Count = 1) |                        |                         |        |
|-----------------------------------|------------------------|-------------------------|--------|
| Name                              | Input Value            |                         |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.5                   |                         |        |
| Prev1SclDrvVel_RadpS_M_f32        | -26.65                 |                         |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -6.6                   |                         |        |
| Prev2SclDrvVel_RadpS_M_f32        | -10.12                 |                         |        |
| ScaledDriverVel_MtrRadpS_T_f32    | 6.02                   |                         |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 256                    |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2400                   |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 172                    |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 174                    |                         |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00634               |                         |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.268567               |                         |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.24                   |                         |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.5768                 |                         |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.000456              |                         |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.4766                 |                         |        |
| Name                              | Actual Value           | Expected Value          | Result |
| GenFddlcCmd()                     | -5.66504765            | -5.665048067 ± 0.000009 | -      |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.4316988             | -8.431699448 ± 0.000009 | •      |
| Prev1SclDrvVel_RadpS_M_f32        | 6.0199998              | 6.02 ± 0.00390625       | -      |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.5                   | -8.5 ± 0.00048828125    | •      |
| Prev2SclDrvVel RadpS M f32        | -26.6499996            | -26.65 ± 0.00390625     | •      |

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

| Test Step 2.30 (Repeat Count = 1) |                        |                          | ✓      |
|-----------------------------------|------------------------|--------------------------|--------|
| Name                              | Input Value            |                          |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.3                    |                          |        |
| Prev1ScIDrvVel_RadpS_M_f32        | 18.6                   |                          |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.6                    |                          |        |
| Prev2ScIDrvVel_RadpS_M_f32        | 10.25                  |                          |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -6.06                  |                          |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 272                    |                          |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2480                   |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 218                    |                          |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 220                    |                          |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00745               |                          |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.27443                |                          |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.389                  |                          |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.65675                |                          |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -4.96456               |                          |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.57686                |                          |        |
| Name                              | Actual Value           | Expected Value           | Result |
| GenFddlcCmd()                     | -0.33675155            | -0.336751733 ± 0.0000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -0.395451367           | -0.395451576 ± 0.0000009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -6.05999994            | -6.06 ± 0.00390625       | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.2999995              | 1.3 ± 0.00048828125      | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 18.6000004             | 18.6 ± 0.00390625        | ~      |

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

| Test Step 2.31 (Repeat Count = 1) |                        | <b>✓</b> |
|-----------------------------------|------------------------|----------|
| Name                              | Input Value            |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.3                    |          |
| Prev1SclDrvVel_RadpS_M_f32        | -12917.3               |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.5                   |          |
| Prev2SclDrvVel_RadpS_M_f32        | -900.36                |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -4.02                  |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |          |



| Name                              | Input Value  |                         |          |
|-----------------------------------|--------------|-------------------------|----------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 288          |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2560         |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 63           |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 66           |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00845     |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.000564     |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.78         |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.745        |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.3453      |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 4.6786       |                         |          |
| Name                              | Actual Value | Expected Value          | Result   |
| GenFddlcCmd()                     | 0.722379088  | 0.722378984 ± 0.0000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 2.93538165   | 2.935381268 ± 0.000009  | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | -4.0199998   | -4.02 ± 0.00390625      | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.2999995    | 1.3 ± 0.00048828125     | <b>✓</b> |
| Prev2ScIDrvVel RadpS M f32        | -12917.2998  | -12917.3 ± 0.00390625   | <b>✓</b> |

| T .                         |       |                             |       |     |     |  |
|-----------------------------|-------|-----------------------------|-------|-----|-----|--|
| Actual Function             | Count | Expected Function           | Count | Res | ult |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | •   |  |

| Test Step 2.32 (Repeat Count = 1) |                        |                        | ✓        |
|-----------------------------------|------------------------|------------------------|----------|
| Name                              | Input Value            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 2.3                    |                        |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 12917.3                |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.5                    |                        |          |
| Prev2SclDrvVel_RadpS_M_f32        | -2000.1                |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -1.05                  |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 304                    |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2640                   |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 78                     |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 80                     |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00945               |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.000654               |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.02                   |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.8453                 |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -4.873453              |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.15645                |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | 1.61534405             | 1.615344 ± 0.000009    | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 5.30164194             | 5.301641847 ± 0.000009 | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | -1.04999995            | -1.05 ± 0.00390625     | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.2999995              | 2.3 ± 0.00048828125    | <b>✓</b> |
| Prev2ScIDrvVel_RadpS_M_f32        | 12917.2998             | 12917.3 ± 0.00390625   | •        |

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

| Test Step 2.33 (Repeat Count = 1) |                        |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| Prev1PreAttnComp_MtrNm_M_f32      | -2.3                   |
| Prev1SclDrvVel_RadpS_M_f32        | 0                      |
| Prev2PreAttnComp_MtrNm_M_f32      | -4.4                   |
| Prev2SclDrvVel_RadpS_M_f32        | 3000                   |
| ScaledDriverVel_MtrRadpS_T_f32    | 2.06                   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1760                   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2720                   |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 106                    |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 109                    |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.01324               |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.3056                 |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 1.32                   |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.9454                 |



| Name                              | Input Value  |                         |          |
|-----------------------------------|--------------|-------------------------|----------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.534       |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.74564      |                         |          |
| Name                              | Actual Value | Expected Value          | Result   |
| GenFddlcCmd()                     | -2.96688271  | -2.966882443 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -7.1653018   | -7.165300993 ± 0.000009 | <b>✓</b> |
| Prev1ScIDrvVel_RadpS_M_f32        | 2.05999994   | 2.06 ± 0.00390625       | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.2999995   | -2.3 ± 0.00048828125    | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | 0            | 0 ± 0.00390625          |          |

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

| Test Step 2.34 (Repeat Count = 1) |                        |                        | ✓      |
|-----------------------------------|------------------------|------------------------|--------|
| Name                              | Input Value            |                        |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.4                    |                        |        |
| Prev1ScIDrvVel_RadpS_M_f32        | -2000.02               |                        |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.4                    |                        |        |
| Prev2SclDrvVel_RadpS_M_f32        | -3000.4                |                        |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -2.05                  |                        |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1920                   |                        |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2800                   |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 129                    |                        |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 131                    |                        |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02234               |                        |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.004678               |                        |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0018576              |                        |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.04564                |                        |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.3453                |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.84534                |                        |        |
| Name                              | Actual Value           | Expected Value         | Result |
| GenFddlcCmd()                     | 6.05533695             | 6.055336888 ± 0.000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 12.0167923             | 12.01679258 ± 0.00009  | ~      |
| Prev1ScIDrvVel_RadpS_M_f32        | -2.04999995            | -2.05 ± 0.00390625     | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 3.4000001              | 3.4 ± 0.00048828125    | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | -2000.02002            | -2000.02 ± 0.00390625  | ~      |

| Т                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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            |                         |       |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.4                   |                         |       |
| Prev1ScIDrvVel_RadpS_M_f32        | 2000.03                |                         |       |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.3                   |                         |       |
| Prev2SclDrvVel_RadpS_M_f32        | 4000.6                 |                         |       |
| ScaledDriverVel_MtrRadpS_T_f32    | -350.02                |                         |       |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2080                   |                         |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2880                   |                         |       |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 157                    |                         |       |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 161                    |                         |       |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.03234               |                         |       |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.04784                |                         |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.001645               |                         |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.14564                |                         |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.3453                |                         |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.9345                 |                         |       |
| Name                              | Actual Value           | Expected Value          | Resul |
| GenFddlcCmd()                     | -4.80776691            | -4.807766498 ± 0.000009 | •     |
| Prev1PreAttnComp_MtrNm_M_f32      | -7.64464808            | -7.64464735 ± 0.000009  |       |
| Prev1SclDrvVel_RadpS_M_f32        | -350.019989            | -350.02 ± 0.00390625    | •     |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.4000001             | -3.4 ± 0.00048828125    | •     |
| Prev2SclDrvVel RadpS M f32        | 2000.03003             | 2000.03 ± 0.00390625    |       |



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

| Test Step 2.36 (Repeat Count = 1) |                        |                         | V      |
|-----------------------------------|------------------------|-------------------------|--------|
| Name                              | Input Value            |                         |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.8                   |                         |        |
| Prev1SclDrvVel_RadpS_M_f32        | -1000.4                |                         |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.5                   |                         |        |
| Prev2SclDrvVel_RadpS_M_f32        | -7500.6                |                         |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -3.05                  |                         |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2240                   |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 2960                   |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 183                    |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 185                    |                         |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.044564              |                         |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.32555                |                         |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.002342               |                         |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.2454                 |                         |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.53453               |                         |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.3423                 |                         |        |
| Name                              | Actual Value           | Expected Value          | Result |
| GenFddlcCmd()                     | -3.7178309             | -3.71783362 ± 0.000009  | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -5.20090008            | -5.200903862 ± 0.000009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | -3.04999995            | -3.05 ± 0.00390625      | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.80000019            | -8.8 ± 0.00048828125    | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | -1000.40002            | -1000.4 ± 0.00390625    |        |

| T                           |       |                             |       |      | V   |
|-----------------------------|-------|-----------------------------|-------|------|-----|
| Actual Function             | Count | Expected Function           | Count | Resu | ılt |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | •   |

| Test Step 2.37 (Repeat Count = 1) |                        |                        | ✓        |
|-----------------------------------|------------------------|------------------------|----------|
| Name                              | Input Value            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 8.8                    |                        |          |
| Prev1SclDrvVel_RadpS_M_f32        | 980.6                  |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.2                   |                        |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 6500.85                |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 4.05                   |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2400                   |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3040                   |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 230                    |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 232                    |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.053534              |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.330264               |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0025235              |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.3675                 |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.4234                |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.13453                |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | 5.50454187             | 5.5045434 ± 0.000009   | •        |
| Prev1PreAttnComp_MtrNm_M_f32      | 6.12679434             | 6.126796132 ± 0.000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 4.05000019             | 4.05 ± 0.00390625      | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.80000019             | 8.8 ± 0.00048828125    | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | 980.599976             | 980.6 ± 0.00390625     | ~        |

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



| Test Step 2.38 (Repeat Count = 1) |                        |                         | V      |
|-----------------------------------|------------------------|-------------------------|--------|
| Name                              | Input Value            |                         |        |
| Prev1PreAttnComp_MtrNm_M_f32      | 0                      |                         |        |
| Prev1SclDrvVel_RadpS_M_f32        | -1000                  |                         |        |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.2                    |                         |        |
| Prev2SclDrvVel_RadpS_M_f32        | -5000.41               |                         |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -4.8                   |                         |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2560                   |                         |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3120                   |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 71                     |                         |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 74                     |                         |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.042342              |                         |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.27566                |                         |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.001535               |                         |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.456                  |                         |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.84564               |                         |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.42342                |                         |        |
| Name                              | Actual Value           | Expected Value          | Result |
| GenFddlcCmd()                     | -2.99402881            | -2.994028926 ± 0.000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | -10.7953711            | -10.7953719 ± 0.00009   | •      |
| Prev1ScIDrvVel_RadpS_M_f32        | -4.80000019            | -4.8 ± 0.00390625       | •      |
| Prev2PreAttnComp_MtrNm_M_f32      | 0                      | 0 ± 0.00048828125       | -      |
| Prev2SclDrvVel_RadpS_M_f32        | -1000                  | -1000 ± 0.00390625      | -      |

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

| Test Step 2.39 (Repeat Count = 1) |                        |                             | <b>✓</b> |
|-----------------------------------|------------------------|-----------------------------|----------|
| Name                              | Input Value            |                             |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -5.25                  |                             |          |
| Prev1SclDrvVel_RadpS_M_f32        | 1500.05                |                             |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.1                   |                             |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 6000.69                |                             |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 5.9                    |                             |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                             |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2720                   |                             |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3200                   |                             |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 86                     |                             |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 88                     |                             |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.053453              |                             |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.284564               |                             |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0012342              |                             |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.56575                |                             |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.32786               |                             |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.2564                 |                             |          |
| Name                              | Actual Value           | Expected Value              | Result   |
| GenFddlcCmd()                     | 4.06544733             | 4.06544767986332 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 12.1017971             | 12.1017977447094 ± 0.00009  | •        |
| Prev1SclDrvVel_RadpS_M_f32        | 5.9000001              | 5.9 ± 0.00390625            | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.25                  | -5.25 ± 0.00048828125       | •        |
| Prev2SclDrvVel_RadpS_M_f32        | 1500.05005             | 1500.05 ± 0.00390625        | •        |

| T                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     |        |  |

| Test Step 2.40 (Repeat Count = 1) |                        | <b>✓</b> |
|-----------------------------------|------------------------|----------|
| Name                              | Input Value            |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 5.25                   |          |
| Prev1SclDrvVel_RadpS_M_f32        | 2500.06                |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.1                    |          |
| Prev2SclDrvVel_RadpS_M_f32        | 9000.45                |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 2557                   |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |          |



| Name                              | Input Value  |                            |        |
|-----------------------------------|--------------|----------------------------|--------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2880         |                            |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3280         |                            |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 114          |                            |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 116          |                            |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.01324     |                            |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2956       |                            |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.0006345    |                            |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.6786       |                            |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.3123      |                            |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.5564       |                            |        |
| Name                              | Actual Value | Expected Value             | Result |
| GenFddlcCmd()                     | 45.0379448   | 45.0379399696766 ± 0.00009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 99.3940811   | 99.3940744158379 ± 0.00009 | ~      |
| Prev1SclDrvVel_RadpS_M_f32        | 2557         | 2557 ± 0.00390625          | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.25         | 5.25 ± 0.00048828125       | ~      |
| Prev2SclDrvVel_RadpS_M_f32        | 2500.06006   | 2500.06 ± 0.00390625       | ~      |

| Τ                           |       |                             |       |     | V   |
|-----------------------------|-------|-----------------------------|-------|-----|-----|
| Actual Function             | Count | Expected Function           | Count | Res | ult |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | •   |

| Test Step 2.41 (Repeat Count = 1) |                        |                         | <b>✓</b> |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 4.6                    |                         |          |
| Prev1SclDrvVel_RadpS_M_f32        | -1500.06               |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -8.8                   |                         |          |
| Prev2SclDrvVel_RadpS_M_f32        | -9000.11               |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 1646.7                 |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 3040                   |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3360                   |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 136                    |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 139                    |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.0063                |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.11345                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.000234               |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.7765                 |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -7.34534               |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.73523                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -4.42373562            | -4.423735974 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.14731121            | -8.147312297 ± 0.000009 | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 1646.69995             | 1646.7 ± 0.00390625     | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.599999               | 4.6 ± 0.00048828125     | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -1500.06006            | -1500.06 ± 0.00390625   | ~        |

| T                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| 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            |
| Prev1PreAttnComp_MtrNm_M_f32      | -4.6                   |
| Prev1SclDrvVel_RadpS_M_f32        | 600.07                 |
| Prev2PreAttnComp_MtrNm_M_f32      | 8.8                    |
| Prev2SclDrvVel_RadpS_M_f32        | 9900.65                |
| ScaledDriverVel_MtrRadpS_T_f32    | -6.8                   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1920                   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3440                   |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 63                     |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 66                     |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00745               |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.15645                |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.25                   |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.84564                |



| Name                              | Input Value  |                         |          |
|-----------------------------------|--------------|-------------------------|----------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -7.4342      |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.845        |                         |          |
| Name                              | Actual Value | Expected Value          | Result   |
| GenFddlcCmd()                     | -1.46749699  | -1.467496866 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -5.96316242  | -5.96316187 ± 0.000009  | ✓        |
| Prev1ScIDrvVel_RadpS_M_f32        | -6.80000019  | -6.8 ± 0.00390625       | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -4.5999999   | -4.6 ± 0.00048828125    | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | 600.070007   | 600.07 ± 0.00390625     | <b>✓</b> |

| Τ                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| 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            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 5.7                    |                        |          |
| Prev1SclDrvVel_RadpS_M_f32        | 5000                   |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 0                      |                        |          |
| Prev2SclDrvVel_RadpS_M_f32        | 8000.65                |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 2412.05                |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2080                   |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3520                   |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 189                    |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 191                    |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.02342               |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.001234               |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.00024378             |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 2.94564                |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -7.84564               |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.93453                |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | -14.621316             | -14.62131553 ± 0.00009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -19.5971565            | -19.59715589 ± 0.00009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 2412.05005             | 2412.05 ± 0.00390625   | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.69999981             | 5.7 ± 0.00048828125    | ✓        |
| Prev2SclDrvVel_RadpS_M_f32        | 5000                   | 5000 ± 0.00390625      | ~        |

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

| Test Step 2.44 (Repeat Count = 1) |                                     | •      |
|-----------------------------------|-------------------------------------|--------|
| Name                              | Input Value                         |        |
| Prev1PreAttnComp_MtrNm_M_f32      | -5.7                                |        |
| Prev1SclDrvVel_RadpS_M_f32        | -9000.015                           |        |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.25                               |        |
| Prev2SclDrvVel_RadpS_M_f32        | -6000.12                            |        |
| ScaledDriverVel_MtrRadpS_T_f32    | -23.02                              |        |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str              |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2240                                |        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3600                                |        |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 237                                 |        |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 239                                 |        |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.03234                            |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.0156                              |        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.36                                |        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.0674                              |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.458349                           |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.143                               |        |
| Name                              | Actual Value Expected Value         | Result |
| GenFddlcCmd()                     | 3.19451404 3.19451007405634 ± 0.000 | 0009   |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.45061421 3.45061003779925 ± 0.000 | 0009   |
| Prev1SclDrvVel_RadpS_M_f32        | -23.0200005 -23.02 ± 0.00390625     | •      |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.69999981 -5.7 ± 0.00048828125    | •      |
| Prev2ScIDrvVel RadpS M f32        | -9000.01465 -9000.015 ± 0.00390625  | •      |



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

| Test Step 2.45 (Repeat Count = 1) |                        |                             | <b>✓</b> |
|-----------------------------------|------------------------|-----------------------------|----------|
| Name                              | Input Value            |                             |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 6.8                    |                             |          |
| Prev1SclDrvVel_RadpS_M_f32        | 600.09                 |                             |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.25                   |                             |          |
| Prev2SclDrvVel_RadpS_M_f32        | 9000.62                |                             |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 34.06                  |                             |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                             |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 2400                   |                             |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3680                   |                             |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 230                    |                             |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 232                    |                             |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00645               |                             |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.16777                |                             |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.54                   |                             |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 3.14564                |                             |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.864935              |                             |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.74564                |                             |          |
| Name                              | Actual Value           | Expected Value              | Result   |
| GenFddlcCmd()                     | 9.78774643             | 9.78774586664643 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 10.894187              | 10.8941867037456 ± 0.00009  | •        |
| Prev1ScIDrvVel_RadpS_M_f32        | 34.0600014             | 34.06 ± 0.00390625          | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.80000019             | 6.8 ± 0.00048828125         | •        |
| Prev2SclDrvVel_RadpS_M_f32        | 600.090027             | 600.09 ± 0.00390625         | ~        |

| T                           |       |                             |       |      | V   |
|-----------------------------|-------|-----------------------------|-------|------|-----|
| Actual Function             | Count | Expected Function           | Count | Resu | ılt |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | •   |

| Test Step 2.46 (Repeat Count = 1) |                        |                         | ✓        |
|-----------------------------------|------------------------|-------------------------|----------|
| Name                              | Input Value            |                         |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 1.5                    |                         |          |
| Prev1ScIDrvVel_RadpS_M_f32        | -400.05                |                         |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 6.8                    |                         |          |
| Prev2ScIDrvVel_RadpS_M_f32        | -7235.12               |                         |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 45.06                  |                         |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 0                      |                         |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 0                      |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 71                     |                         |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 74                     |                         |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.005534              |                         |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.27344                |                         |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.000534               |                         |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.3678                 |                         |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.24234               |                         |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.54523                |                         |          |
| Name                              | Actual Value           | Expected Value          | Result   |
| GenFddlcCmd()                     | -2.39375806            | -2.393758233 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | -8.28110886            | -8.281109564 ± 0.000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 45.0600014             | 45.06 ± 0.00390625      | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 1.5                    | 1.5 ± 0.00048828125     | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32        | -400.049988            | -400.05 ± 0.00390625    | ~        |

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



| Test Step 2.47 (Repeat Count = 1) |                        |                        | <b>✓</b> |
|-----------------------------------|------------------------|------------------------|----------|
| Name                              | Input Value            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -1.5                   |                        |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 289.65                 |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | -5.2                   |                        |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 8563.3                 |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | -4.05                  |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 17600                  |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 17600                  |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 86                     |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 88                     |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00634               |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.28546                |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.14                   |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.4786                 |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.9789                |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.757645               |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | 1.24506903             | 1.245069116 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 3.7062521              | 3.706252252 ± 0.000009 | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | -4.05000019            | -4.05 ± 0.00390625     | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.5                   | -1.5 ± 0.00048828125   | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | 289.649994             | 289.65 ± 0.00390625    | ~        |

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

| Test Step 2.48 (Repeat Count = 1) |                        |                       | <b>✓</b> |
|-----------------------------------|------------------------|-----------------------|----------|
| Name                              | Input Value            |                       |          |
| Prev1PreAttnComp_MtrNm_M_f32      | 2.5                    |                       |          |
| Prev1ScIDrvVel_RadpS_M_f32        | -150                   |                       |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 5.2                    |                       |          |
| Prev2ScIDrvVel_RadpS_M_f32        | -9358.2                |                       |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 5266.06                |                       |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1005                   |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 9383                   |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 114                    |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 116                    |                       |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00634               |                       |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2956                 |                       |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.26                   |                       |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.5768                 |                       |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.535                 |                       |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 8.4563                 |                       |          |
| Name                              | Actual Value           | Expected Value        | Result   |
| GenFddlcCmd()                     | 74.4717255             | 74.47172728 ± 0.00009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 164.351395             | 164.3513981 ± 0.0009  | ~        |
| Prev1SclDrvVel_RadpS_M_f32        | 5266.06006             | 5266.06 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.5                    | 2.5 ± 0.00048828125   | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -150                   | -150 ± 0.00390625     | ~        |

| Τ                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | _        |

| Test Step 2.49 (Repeat Count = 1) |                        | ✓ |
|-----------------------------------|------------------------|---|
| Name                              | Input Value            |   |
| Prev1PreAttnComp_MtrNm_M_f32      | -2.5                   |   |
| Prev1SclDrvVel_RadpS_M_f32        | -2341.03               |   |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.3                   |   |
| Prev2SclDrvVel_RadpS_M_f32        | 9782.2                 |   |
| ScaledDriverVel_MtrRadpS_T_f32    | 4585.02                |   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |   |



| Name                              | Input Value  |                       |          |
|-----------------------------------|--------------|-----------------------|----------|
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1616         |                       |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3680         |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 0            |                       |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 0            |                       |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00745     |                       |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.2945       |                       |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.38         |                       |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.65675      |                       |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.78987     |                       |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 7.3242       |                       |          |
| Name                              | Actual Value | Expected Value        | Result   |
| GenFddlcCmd()                     | 0            | 0 ± 0.000009          | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 132.005234   | 132.0052327 ± 0.0009  | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 4585.02002   | 4585.02 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32      | -2.5         | -2.5 ± 0.00048828125  | ~        |
| Prev2SclDrvVel_RadpS_M_f32        | -2341.03003  | -2341.03 ± 0.00390625 | ~        |

| Т                           |       |                             |       |     | V   |
|-----------------------------|-------|-----------------------------|-------|-----|-----|
| Actual Function             | Count | Expected Function           | Count | Res | ult |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | •   |

| Test Step 2.50 (Repeat Count = 1) |                        |                        | ✓        |
|-----------------------------------|------------------------|------------------------|----------|
| Name                              | Input Value            |                        |          |
| Prev1PreAttnComp_MtrNm_M_f32      | -3.5                   |                        |          |
| Prev1ScIDrvVel_RadpS_M_f32        | 500.012                |                        |          |
| Prev2PreAttnComp_MtrNm_M_f32      | 2.3                    |                        |          |
| Prev2ScIDrvVel_RadpS_M_f32        | 12000                  |                        |          |
| ScaledDriverVel_MtrRadpS_T_f32    | 3.02                   |                        |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_Uls_T_Str |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1632                   |                        |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3696                   |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 256                    |                        |          |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 256                    |                        |          |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00845               |                        |          |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.3036                 |                        |          |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.5                    |                        |          |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.745                  |                        |          |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -5.64564               |                        |          |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 5.67452                |                        |          |
| Name                              | Actual Value           | Expected Value         | Result   |
| GenFddlcCmd()                     | 4.95908308             | 4.959080803 ± 0.000009 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32      | 4.95908308             | 4.959080803 ± 0.000009 | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32        | 3.0199998              | 3.02 ± 0.00390625      | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32      | -3.5                   | -3.5 ± 0.00048828125   | ✓        |
| Prev2ScIDrvVel_RadpS_M_f32        | 500.011993             | 500.012 ± 0.00390625   | <b>✓</b> |

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

| Test Step 2.51 (Repeat Count = 1) |                        |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| Prev1PreAttnComp_MtrNm_M_f32      | 4.5                    |
| Prev1SclDrvVel_RadpS_M_f32        | 385.032                |
| Prev2PreAttnComp_MtrNm_M_f32      | -1.7                   |
| Prev2SclDrvVel_RadpS_M_f32        | -10712.32              |
| ScaledDriverVel_MtrRadpS_T_f32    | -7.02                  |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] | 1648                   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 3712                   |
| t_FDD_AttenTblY_Uls_u8p8[0]       | 63                     |
| t_FDD_AttenTblY_Uls_u8p8[1]       | 66                     |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32 | -0.00945               |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32 | 0.30564                |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32 | 0.62                   |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32 | 1.8453                 |



| Name                              | Input Value  |                        |        |
|-----------------------------------|--------------|------------------------|--------|
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32 | -6.4234      |                        |        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32 | 6.77453      |                        |        |
| Name                              | Actual Value | Expected Value         | Result |
| GenFddlcCmd()                     | 8.95816231   | 8.958162049 ± 0.000009 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32      | 36.4014206   | 36.40142039 ± 0.00009  | •      |
| Prev1SclDrvVel_RadpS_M_f32        | -7.01999998  | -7.02 ± 0.00390625     | ~      |
| Prev2PreAttnComp_MtrNm_M_f32      | 4.5          | 4.5 ± 0.00048828125    | •      |
| Prev2SclDrvVel_RadpS_M_f32        | 385.032013   | 385.032 ± 0.00390625   | ~      |

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

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FilterCoefCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object FilterCoefCalc

#### Instrumentation: Test Object Only

| Statement (C0) Coverage | 100 % |
|-------------------------|-------|
| Branch (C1) Coverage    | 100 % |

#### **Statistics**

| Total Testcases | 1 |
|-----------------|---|
| Successful      | 1 |
| Failed          | 0 |
| Not Executed    | 0 |



#### **Module Properties**

| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp   |
|------------------------|--|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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                   | $\label{lem:condition} $$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap\_FrqDepDmpnInrtCmp.c$  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tooIs\compiler\tms470_4.9.5\include |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(ProgramFiles)\\Texas Instruments\\ccsv4\tools\\compiler\tms470_4.9.5\\include           |

| Comments/Description/       | Specification  |
|-----------------------------|--|
| Name                        | Text   |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c   |
|                             | Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc   |
|                             | Module Design Document Version: 18 Data Dictionary Version: 16   |
|                             | Unit Test Plan Version: 6 Optimization Level: Level 2  |
|                             | Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro  |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994   |
|                             | Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328  |
|                             | Special Test Requirements: Test Date: 09-19-2014   |
|                             | Comments:  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.   |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication. |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |
|                             | ***************************************  |

| Attributes            |   |
|-----------------------|---|
| Name                  | Value   |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |
| Float Precision       | 9   |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |
| Target Install Path   | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre>                                 |
| Time Unit             | Cycles  |
| Timer Enabled         | false   |
| Timer Prescale        | 0   |
| Timer Resolution      | 1   |

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| Attributes      |  |
|-----------------|--|
| Name            | Value  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |



#### **Test Case 1: Boundary Test**

#### Specification

Performance Metrics (With "None" Instrumentation and "WithPS"  ${\tt Environment}$  )

CPU Cycles:

1246.00 Cycles 1292.00 Cycles 1292.00 Cycles 1281.00 Cycles 1281.00 Cycles 1258.00 Cycles 1292.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 1292.00 Cycles 1281.00 Cycles 1246.00 Cycles 1258.00 Cycles 1272.00 Cycles 1281.00 Cycles 1246.00 Cycles 1660.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles
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1281.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31 TS1.32

#### Description

#### Vector Description

| TS1.1 All min TS1.2 All max TS1.3 ADDCoef_MtrNmSpRad_T_f32 min TS1.4 ADDCoef_MtrNmSpRad_T_f32 max TS1.5 ADDCoef_MtrNmSpRad_T_f32 pos TS1.6 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 min TS1.8 VehicleSpeed2_Kph_T_f32 min TS1.10 WIRCmdAmpBInd1_MtrNm_T_f32 min TS1.10 WIRCmdAmpBInd1_MtrNm_T_f32 min TS1.11 WIRCmdAmpBInd1_MtrNm_T_f32 pos TS1.12 t_CmnVehSpd_Kph_u9p7[12] min TS1.13 t_CmnVehSpd_Kph_u9p7[12] min TS1.14 t_CmnVehSpd_Kph_u9p7[12] max TS1.15 t_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.16 t2_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.16 t2_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.17 t2_FDD_FreqTbIYM1_Hz_u12p4[12] mos TS1.18 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.20 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.21 t_WIRBindTbIX_MtrNm_u8p8[5] min TS1.22 t_WIRBindTbIX_MtrNm_u8p8[5] min TS1.23 t_WIRBindTbIX_MtrNm_u8p8[5] min TS1.25 t_DmpFittKpWIRBIndY_UIs_u2p14[5] min TS1.26 t_DmpFittKpWIRBIndY_UIs_u2p14[5] min TS1.27 t_IntrCmp_ScaleFactorTbIY_UIs_u2p14[5] min |                        |  |
|--|------------------------|--|
| TS1.26 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] pos<br>TS1.27 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[12] mir   |                        |  |
| TS1.28 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] ma<br>TS1.29 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] po:<br>TS1.30 k_InrtCmp_MtrInertia_KgmSq_f32 min<br>TS1.31 k_InrtCmp_MtrInertia_KgmSq_f32 max<br>TS1.32 k_InrtCmp_MtrInertia_KgmSq_f32 pos   |                        |  |
| Test Step 1.1 (Repeat Count = 1)   |                        |  |
| Name   | Input Value            |  |
| ADDCoef_MtrNmSpRad_T_f32   | 0                      |  |
| VehicleSpeed Kph T f32   | 0                      |  |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 0                      |  |
| filtCoef Uls T Str   | tgt filtCoef Uls T Str |  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00001                |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 16                     |  |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 16                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 16                     |  |

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| - Inter-Goor-Gaile                     |              |                         |       |
|--|--------------|-------------------------|-------|
| Name                                   | Input Value  |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]       | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]        | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 16           |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 16           |                         |       |
| t_CmnVehSpd_Kph_u9p7[0]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[1]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[2]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[3]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[4]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[5]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[6]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[7]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[8]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[9]                | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[10]               | 0            |                         |       |
| t_CmnVehSpd_Kph_u9p7[11]               | 0            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 0            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 0            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 0            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 0            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 0            |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 0            |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 0            |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 0            |                         |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]            | 0            |                         |       |
| t_WIRBIndTblX_MtrNm_u8p8[3]            | 0            |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 0            |                         |       |
| Name                                   | Actual Value | Expected Value          | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | 0            | 0 ± 0.000009            | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0            | 0 ± 0.000009            | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | 0            | 0 ± 0.000009            |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 3.94989252   | 3.949892431 ± 0.000009  | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.99968433  | -7.999684173 ± 0.000009 |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 4.05042315   | 4.050423396 ± 0.000009  | •     |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~        |

| Test Step 1.2 (Repeat Count = 1) |                        | <b>√</b> |
|----------------------------------|------------------------|----------|
| Name                             | Input Value            |          |
| ADDCoef_MtrNmSpRad_T_f32         | 0.041306               |          |
| VehicleSpeed_Kph_T_f32           | 511.9921875            |          |
| WIRCmdAmpBInd_MtrNm_T_f32        | 8.8                    |          |
| filtCoef_Uls_T_Str               | tgt_filtCoef_Uls_T_Str |          |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.0005                 |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 1600                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 1600                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 1600                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 1600                   |          |

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| Name                                   | Input Value  |                         |        |
|--|--------------|-------------------------|--------|
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]       | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]       | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]        | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 1600         |                         |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 1600         |                         |        |
| t_CmnVehSpd_Kph_u9p7[0]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[1]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[2]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[3]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[4]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[5]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[6]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[7]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[8]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[9]                | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[10]               | 32640        |                         |        |
| t_CmnVehSpd_Kph_u9p7[11]               | 32640        |                         |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 16384        |                         |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 16384        |                         |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 16384        |                         |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 16384        |                         |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 16384        |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 384          |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 384          |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 2048         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 2048         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 2048         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 2048         |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 2048         |                         |        |
| Name                                   | Actual Value | Expected Value          | Result |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -2.74156237  | -2.741562052 ± 0.000009 | •      |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.330448002  | 0.330448 ± 0.0000009    | •      |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | 2.41111422   | 2.411114052 ± 0.000009  | •      |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 0.552588403  | 0.552588458 ± 0.0000009 | •      |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -4.8417263   | -4.841726592 ± 0.000009 | •      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 10.6056852   | 10.60568495 ± 0.00009   | •      |

| Τ                           |       |                             | <b>✓</b> |        |
|-----------------------------|-------|-----------------------------|----------|--------|
| Actual Function             | Count | Expected Function           | Count    | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 4     | IntplVarXY u16 u16Xu16Y Cnt | 4        | _      |

| Test Step 1.3 (Repeat Count = 1) | ✓           |
|----------------------------------|-------------|
| Name                             | Input Value |
| ADDCoef_MtrNmSpRad_T_f32         | 0           |
| VehicleSpeed_Kph_T_f32           | 100.02      |

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| Name   | Input Value            |                             |          |
|--|------------------------|-----------------------------|----------|
| WIRCmdAmpBInd_MtrNm_T_f32  | 2.5                    |                             |          |
| filtCoef Uls T Str   | tgt_filtCoef_Uls_T_Str |                             |          |
|  | 0.00002                |                             |          |
| k_InrtCmp_MtrInertia_KgmSq_f32                                     | 16                     |                             |          |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][1] | 32                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                                    | 48                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                    | 64                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                    | 80                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                    | 96                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                    | 112                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                    | 128                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                    | 144                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                    | 160                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                   | 176                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                   | 192                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                    | 32                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                    | 48                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                    | 64                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                    | 80                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 96                     |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                    | 112                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                    | 128                    |                             |          |
| t2 FDD FreqTblYM Hz u12p4[1][7]                                    | 144                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                    | 160                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                    | 176                    |                             |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                   | 192                    |                             |          |
| t2 FDD FreqTblYM Hz u12p4[1][11]                                   | 208                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[0]  | 128                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[1]  | 256                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[2]  | 384                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[3]  | 512                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[4]  | 640                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[5]  | 768                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[6]  | 896                    |                             |          |
| t_CmnVehSpd_Kph_u9p7[7]  | 1024                   |                             |          |
| t_CmnVehSpd_Kph_u9p7[8]  | 1152                   |                             |          |
| t_CmnVehSpd_Kph_u9p7[9]  | 1280                   |                             |          |
| t_CmnVehSpd_Kph_u9p7[10]   | 1408                   |                             |          |
| t_CmnVehSpd_Kph_u9p7[11]   | 1536                   |                             |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                   | 1638                   |                             |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                   | 3277                   |                             |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                   | 4915                   |                             |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                   | 6554                   |                             |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                   | 8192                   |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                              | 13                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                              | 26                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                              | 38                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                              | 51                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                              | 64                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                              | 77                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                              | 90                     |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                              | 102                    |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                              | 115                    |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                              | 128                    |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                             | 141                    |                             |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                             | 154                    |                             |          |
| t_WIRBIndTblX_MtrNm_u8p8[0]  | 282                    |                             |          |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 307                    |                             |          |
| t_WIRBIndTbiX_MtrNm_u8p8[2]  | 333                    |                             |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 358                    |                             |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 384                    |                             |          |
| Name   | Actual Value           | Expected Value              | Result   |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                  | -0.00059381465         | -0.000593815 ± 0.0000000009 | ~        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                  | 0                      | 0 ± 0.000009                | ~        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                  | 0.00059381465          | 0.000593815 ± 0.0000000009  | ~        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                  | 3.39635515             | 3.39635548 ± 0.000009       | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                  | -7.95065212            | -7.950651978 ± 0.000009     | ~        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                  | 4.65299273             | 4.652992542 ± 0.000009      | <b>✓</b> |
|  |                        |                             |          |

| T                           |       |                             |       | V   |          |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     |     | <b>~</b> |



| Test Step 1.4 (Repeat Count = 1) Name                                | Input Value            |                          |      |
|--|------------------------|--------------------------|------|
| ADDCoef_MtrNmSpRad_T_f32   | 0.041306               |                          |      |
| VehicleSpeed_Kph_T_f32   | 200.06                 |                          |      |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 1.5                    |                          |      |
| filtCoef_Uls_T_Str   | tgt_filtCoef_Uls_T_Str |                          |      |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.00003                |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 32                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                      | 48                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                                      | 64                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                      | 80                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                      | 96                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 112                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 128<br>144             |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      | 160                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 176                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 192                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 208                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 48                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                      | 64                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                      | 80                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                      | 96                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                      | 112                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                      | 128                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                      | 144                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                      | 160                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                      | 176                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 192<br>208             |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][11] | 224                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[6]  | 10240                  |                          |      |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                  |                          |      |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                  |                          |      |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                  |                          |      |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                  |                          |      |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640<br>3277          |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t DmpFiltKpWIRBIndY_Uls_u2p14[1]    | 4915                   |                          |      |
| t DmpFiltKpWIRBIndY Uls u2p14[1]                                     | 6554                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                     | 8192                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                     | 9830                   |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 26                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 38                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 51                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 64                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 77                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 90                     |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 102                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                | 115                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                | 128                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                | 141                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10]                               | 154                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] t_WIRBIndTblX_MtrNm_u8p8[0]   | 166<br>538             |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 563                    |                          |      |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 589                    |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 614                    |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 640                    |                          |      |
| Name   | Actual Value           | Expected Value           | Resu |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                    | -0.170364141           | -0.170364138 ± 0.0000009 |      |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                    | 0.330448002            | 0.330448 ± 0.0000009     |      |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                    | -0.16008386            | -0.160083862 ± 0.0000009 |      |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                    | 3.36400986             | 3.364009947 ± 0.000009   |      |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                    | -7.94497013            | -7.944970142 ± 0.000009  |      |

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| Name                              | Actual Value | Expected Value         | Result |
|-----------------------------------|--------------|------------------------|--------|
| tot filtCoef Uls T Str a2 Uls f32 | 4 69101954   | 4 691019911 + 0 000009 | •      |

| T                           |       |                             | <b>✓</b> |        |
|-----------------------------|-------|-----------------------------|----------|--------|
| Actual Function             | Count | Expected Function           | Count    | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4        | ~      |

| est Step 1.5 (Repeat Count = 1)                  | Innut Value            |  |
|--|------------------------|--|
| lame   | Input Value            |  |
| DDCoef_MtrNmSpRad_T_f32<br>ehicleSpeed_Kph_T_f32 | 0.02<br>300.08         |  |
| /IRCmdAmpBind_MtrNm_T_f32                        | 0.5                    |  |
| tCoef_Uls_T_Str                                  | tgt_filtCoef_Uls_T_Str |  |
| _InrtCmp_MtrInertia_KgmSq_f32                    | 0.00004                |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][0]                   | 48                     |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                   | 64                     |  |
| P FDD FreqTblYM Hz u12p4[0][2]                   | 80                     |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][3]                   | 96                     |  |
| P FDD FreqTblYM Hz u12p4[0][4]                   | 112                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][5]                   | 128                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][6]                   | 144                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][7]                   | 160                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][8]                   | 176                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][9]                   | 192                    |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                  | 208                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[0][11]                  | 224                    |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]                   | 64                     |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]                   | 80                     |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][2]                   | 96                     |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][3]                   | 112                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][4]                   | 128                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][5]                   | 144                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][6]                   | 160                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][7]                   | 176                    |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]                   | 192                    |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]                   | 208                    |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]                  | 224                    |  |
| P_FDD_FreqTblYM_Hz_u12p4[1][11]                  | 240                    |  |
| _CmnVehSpd_Kph_u9p7[0]                           | 6784                   |  |
| _CmnVehSpd_Kph_u9p7[1]                           | 6912                   |  |
| CmnVehSpd_Kph_u9p7[2]                            | 7040<br>7168           |  |
| CmnVehSpd_Kph_u9p7[3]                            | 7100                   |  |
| CmnVehSpd_Kph_u9p7[4]                            | 7424                   |  |
| _CmnVehSpd_Kph_u9p7[5]<br>_CmnVehSpd_Kph_u9p7[6] | 7552                   |  |
| CmnVehSpd Kph u9p7[7]                            | 7680                   |  |
| CmnVehSpd_Kph_u9p7[8]                            | 7808                   |  |
| CmnVehSpd_Kph_u9p7[9]                            | 7936                   |  |
| CmnVehSpd_Kph_u9p7[10]                           | 8064                   |  |
| CmnVehSpd_Kph_u9p7[11]                           | 8192                   |  |
| DmpFiltKpWIRBIndY Uls u2p14[0]                   | 4915                   |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[1]                   | 6554                   |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[2]                   | 8192                   |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[3]                   | 9830                   |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[4]                   | 11469                  |  |
| InrtCmp_ScaleFactorTblY_Uls_u9p7[0]              | 38                     |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[1]             | 51                     |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[2]             | 64                     |  |
| InrtCmp_ScaleFactorTblY_Uls_u9p7[3]              | 77                     |  |
| _InrtCmp_ScaleFactorTbIY_Uls_u9p7[4]             | 90                     |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[5]             | 102                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[6]             | 115                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[7]             | 128                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[8]             | 141                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[9]             | 154                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[10]            | 166                    |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[11]            | 179                    |  |
| _WIRBIndTblX_MtrNm_u8p8[0]                       | 794                    |  |
| _WIRBIndTblX_MtrNm_u8p8[1]                       | 819                    |  |
| _WIRBIndTbIX_MtrNm_u8p8[2]                       | 845                    |  |

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Input Value t\_WIRBIndTbIX\_MtrNm\_u8p8[4] 896 **Expected Value** Result Name Actual Value tgt\_filtCoef\_Uls\_T\_Str.b0\_Uls\_f32 -0.0846711174 -0.084671116 ± 0.00000009 0.159999996 tgt\_filtCoef\_Uls\_T\_Str.b1\_Uls\_f32 0.16 ± 0.0000009 tgt\_filtCoef\_Uls\_T\_Str.b2\_Uls\_f32 -0.0753288791 -0.075328884 ± 0.00000009 3.313495926 ± 0.000009 tgt\_filtCoef\_Uls\_T\_Str.a0\_Uls\_f32 3.31349587 tgt\_filtCoef\_Uls\_T\_Str.a1\_Uls\_f32 -7.9354167 -7.935416577 ± 0.000009 tgt\_filtCoef\_Uls\_T\_Str.a2\_Uls\_f32 4.75108767 4.751087497 ± 0.000009

| T                           |       |                             | <b>✓</b> |        |
|-----------------------------|-------|-----------------------------|----------|--------|
| Actual Function             | Count | Expected Function           | Count    | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4        | ~      |

| Test Step 1.6 (Repeat Count = 1)                                     |                        |
|--|------------------------|
| Name   | Innuit Value           |
|  | Input Value            |
| ADDCoef_MtrNmSpRad_T_f32   | 0.001                  |
| VehicleSpeed_Kph_T_f32   |                        |
| WIRCmdAmpBInd_MtrNm_T_f32  | 6.5                    |
| filtCoef_UIs_T_Str   | tgt_filtCoef_Uls_T_Str |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.00005                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 64                     |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                      | 80                     |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                                      | 96                     |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                      | 112                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                      | 128                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]                                      | 144<br>160             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                      |                        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 176<br>192             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      |                        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 208                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 224                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 240                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 80<br>96               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                      | 112                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                      | 128                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                      | 144                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                      |                        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                      | 160                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                      | 176                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                      | 192                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                      | 208                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                      | 224<br>240             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                     | 256                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                     | 128                    |
| t_CmnVehSpd_Kph_u9p7[0]  | 256                    |
| t_CmnVehSpd_Kph_u9p7[1]  | 384                    |
| t_CmnVehSpd_Kph_u9p7[2]  | 512                    |
| t_CmnVehSpd_Kph_u9p7[3]  | 640                    |
| t_CmnVehSpd_Kph_u9p7[4]  | 768                    |
| t_CmnVehSpd_Kph_u9p7[5]<br>t_CmnVehSpd_Kph_u9p7[6]                   | 896                    |
| t_CmnVehSpd_Kph_u9p7[7]  | 1024                   |
| t CmnVehSpd Kph u9p7[8]  | 1152                   |
| t CmnVehSpd Kph u9p7[9]  | 1280                   |
| t_CmnVehSpd_Kph_u9p7[10]   | 1408                   |
| t_CmnVehSpd_Kph_u9p7[11]   | 1536                   |
| t_DmpFiltKpWlRBlndY_Uls_u2p14[0]                                     | 6554                   |
| t_DmpFiltKpWlRBlndY_Uls_u2p14[1]                                     | 8192                   |
|  | 9830                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]<br>t DmpFiltKpWIRBIndY_Uls_u2p14[3] | 11469                  |
| t DmpFiltKpWIRBIndY Uls u2p14[4]                                     | 13107                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 51                     |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 64                     |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 77                     |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 90                     |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 102                    |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 115                    |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 128                    |
| t IntCmp ScaleFactorTblY Uls u9p7[7]                                 | 141                    |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]                                | 154                    |
|  | IVT                    |

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| Name                                   | Input Value    |                            |          |
|--|----------------|----------------------------|----------|
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 166            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 179            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 192            |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 1050           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 1075           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 1101           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1126           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1152           |                            |          |
| Name                                   | Actual Value   | Expected Value             | Result   |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.00400001789 | -0.004000018 ± 0.000000009 | ~        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.0080000038   | 0.008 ± 0.00000009         | ~        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.00399998249 | -0.003999982 ± 0.000000009 | ~        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 3.76236439     | 3.76236461 ± 0.000009      | ~        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.99272346    | -7.992723375 ± 0.000009    | ~        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 4.24491215     | 4.244912015 ± 0.000009     | <b>✓</b> |

| Τ                           |       |                             |       | ~      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |

| Test Step 1.7 (Repeat Count = 1)                                     |                        |
|--|------------------------|
| Name   | Input Value            |
| ADDCoef MtrNmSpRad T f32   | 0.002                  |
| VehicleSpeed Kph T f32   | 511.9921875            |
| WIRCmdAmpBInd MtrNm T f32  | 5.5                    |
| filtCoef Uls T Str   | tgt filtCoef Uls T Str |
| k InrtCmp MtrInertia KgmSq f32                                       | 0.00006                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 80                     |
| t2 FDD FreqTbIYM Hz u12p4[0][1]                                      | 96                     |
| t2 FDD FreqTbIYM Hz u12p4[0][1]                                      | 112                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                      | 128                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                      | 144                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 160                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][6]                                      | 176                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 192                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      | 208                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 224                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 240                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][11] | 256                    |
| t2 FDD FreqTblYM Hz u12p4[1][0]                                      | 96                     |
| t2 FDD FreqTblYM Hz u12p4[1][1]                                      | 112                    |
|  | 112                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 144                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                      | 160                    |
| t2_FDD_FreqTbiYM_Hz_u12p4[1][5]                                      | 176                    |
| t2 FDD FreqTblYM Hz u12p4[1][6]                                      | 192                    |
| t2 FDD FreqTblYM Hz u12p4[1][7]                                      | 208                    |
| t2 FDD FreqTblYM Hz u12p4[1][8]                                      | 224                    |
| t2 FDD FreqTblYM Hz u12p4[1][9]                                      | 240                    |
| t2 FDD FreqTblYM Hz u12p4[1][10]                                     | 256                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                     | 272                    |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                   |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                   |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                   |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                   |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                   |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                   |
| t_CmnVehSpd_kph_u9p7[6]  | 10240                  |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                  |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                  |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                  |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                  |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640                  |
| t DmpFiltKpWIRBIndY Uls u2p14[0]                                     | 8192                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 9830                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                     | 11469                  |
| t DmpFiltKpWIRBIndY Uls u2p14[3]                                     | 13107                  |
| t DmpFiltKpWIRBIndY Uls u2p14[4]                                     | 14746                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 64                     |
| t InrtCmp ScaleFactorTblY Uls u9p7[1]                                | 77                     |
|  |                        |

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| Name                                   | Input Value    |                            |          |
|--|----------------|----------------------------|----------|
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 90             |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 102            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 115            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 128            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 141            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 154            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 166            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 179            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 192            |                            |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 205            |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 1306           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 1331           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 1357           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1382           |                            |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1408           |                            |          |
| Name                                   | Actual Value   | Expected Value             | Result   |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.0128454715  | -0.012845471 ± 0.00000009  | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.0160000008   | 0.016 ± 0.00000009         | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.00315452972 | -0.003154529 ± 0.000000009 | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 3.1956141      | 3.195613973 ± 0.000009     | ~        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.90979624    | -7.909796293 ± 0.000009    | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 4.89459038     | 4.894589734 ± 0.000009     | <b>✓</b> |

| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 4     | IntplVarXY u16 u16Xu16Y Cnt | 4     | ~      |

| Test Step 1.8 (Repeat Count = 1) | <b>✓</b>               |
|----------------------------------|------------------------|
| Name                             | Input Value            |
| ADDCoef_MtrNmSpRad_T_f32         | 0.003                  |
| VehicleSpeed_Kph_T_f32           | 255.25                 |
| WIRCmdAmpBInd_MtrNm_T_f32        | 3.6                    |
| filtCoef Uls T Str               | tgt filtCoef Uls T Str |
| k InrtCmp MtrInertia KgmSq f32   | 0.00007                |
| t2 FDD FreqTblYM Hz u12p4[0][0]  | 96                     |
| t2 FDD FreqTblYM Hz u12p4[0][1]  | 112                    |
| t2 FDD FreqTblYM Hz u12p4[0][2]  | 128                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 144                    |
| t2 FDD FreqTblYM Hz u12p4[0][4]  | 160                    |
| t2 FDD FreqTblYM Hz u12p4[0][5]  | 176                    |
| t2 FDD FreqTblYM Hz u12p4[0][6]  | 192                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 208                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 224                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 240                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10] | 256                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11] | 272                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 336                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 352                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 368                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 384                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 400                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 416                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 432                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 448                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 464                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 480                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10] | 496                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11] | 512                    |
| t_CmnVehSpd_Kph_u9p7[0]          | 12800                  |
| t_CmnVehSpd_Kph_u9p7[1]          | 12928                  |
| t_CmnVehSpd_Kph_u9p7[2]          | 13056                  |
| t_CmnVehSpd_Kph_u9p7[3]          | 13184                  |
| t_CmnVehSpd_Kph_u9p7[4]          | 13312                  |
| t_CmnVehSpd_Kph_u9p7[5]          | 13440                  |
| t_CmnVehSpd_Kph_u9p7[6]          | 13568                  |
| t_CmnVehSpd_Kph_u9p7[7]          | 13696                  |
| t_CmnVehSpd_Kph_u9p7[8]          | 13824                  |
| t_CmnVehSpd_Kph_u9p7[9]          | 13952                  |
| t_CmnVehSpd_Kph_u9p7[10]         | 14080                  |
| t_CmnVehSpd_Kph_u9p7[11]         | 14208                  |

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| Name                                   | Input Value    |                                    |          |
|--|----------------|------------------------------------|----------|
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 1638           |                                    |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 3277           |                                    |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 4915           |                                    |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 6554           |                                    |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 8192           |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 154            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 166            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 179            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 192            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 205            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 218            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 230            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 243            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 256            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 269            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 282            |                                    |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 294            |                                    |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 1562           |                                    |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 1587           |                                    |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 1613           |                                    |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1638           |                                    |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1664           |                                    |          |
| Name                                   | Actual Value   | Expected Value                     | Result   |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.022498928   | -0.0224989261685139 ± 0.00000009   | ~        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.024000002    | 0.024 ± 0.00000009                 | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.00150107313 | -0.00150107383148608 ± 0.000000009 | -        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 3.12415075     | 3.12415079635252 ± 0.000009        | •        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.89191246    | -7.89191237196188 ± 0.000009       | ~        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 4.98393726     | 4.98393683168561 ± 0.000009        | ~        |

| Τ                           |       |                             |       |      | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|------|----------|
| Actual Function             | Count | Expected Function           | Count | Resu | lt       |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     |      | <b>✓</b> |

| Test Step 1.9 (Repeat Count = 1) |                        |
|----------------------------------|------------------------|
| Name                             | Input Value            |
| ADDCoef_MtrNmSpRad_T_f32         | 0.004                  |
| VehicleSpeed_Kph_T_f32           | 16.25                  |
| WIRCmdAmpBlnd_MtrNm_T_f32        | 0                      |
| filtCoef_Uls_T_Str               | tgt_filtCoef_UIs_T_Str |
| C_InrtCmp_MtrInertia_KgmSq_f32   | 0.00008                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 336                    |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 352                    |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 368                    |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 384                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 400                    |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 416                    |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 432                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 448                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 464                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 480                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10] | 496                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11] | 512                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 656                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 672                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 688                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 704                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 720                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 736                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 752                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 768                    |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 784                    |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 800                    |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 816                    |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]  | 832                    |
| _CmnVehSpd_Kph_u9p7[0]           | 15488                  |
| _CmnVehSpd_Kph_u9p7[1]           | 15616                  |
| t_CmnVehSpd_Kph_u9p7[2]          | 15744                  |
| t_CmnVehSpd_Kph_u9p7[3]          | 15872                  |
| t_CmnVehSpd_Kph_u9p7[4]          | 16000                  |

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| Manage                                 | Innut Value    |                            |        |
|--|----------------|----------------------------|--------|
| Name                                   | Input Value    |                            |        |
| t_CmnVehSpd_Kph_u9p7[5]                | 16128          |                            |        |
| t_CmnVehSpd_Kph_u9p7[6]                | 16256          |                            |        |
| t_CmnVehSpd_Kph_u9p7[7]                | 16384          |                            |        |
| t_CmnVehSpd_Kph_u9p7[8]                | 16512          |                            |        |
| t_CmnVehSpd_Kph_u9p7[9]                | 16640          |                            |        |
| t_CmnVehSpd_Kph_u9p7[10]               | 16768          |                            |        |
| t_CmnVehSpd_Kph_u9p7[11]               | 16896          |                            |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 3277           |                            |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 4915           |                            |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 6554           |                            |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 8192           |                            |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 9830           |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 179            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 192            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 205            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 218            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 230            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 243            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 256            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 269            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 282            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 294            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 307            |                            |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 320            |                            |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 1766           |                            |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 1792           |                            |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 1818           |                            |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1843           |                            |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1869           |                            |        |
| Name                                   | Actual Value   | Expected Value             | Result |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.0280437507  | -0.028043747 ± 0.00000009  | ~      |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.0320000015   | 0.032 ± 0.00000009         | ~      |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.00395625085 | -0.003956253 ± 0.000000009 | ~      |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 2.84204841     | 2.842048638 ± 0.000009     | ~      |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.8026042     | -7.802604057 ± 0.000009    | ~      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 5.35534716     | 5.355347305 ± 0.000009     | ~      |

| T                           |       |                             |       |      | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|------|----------|
| Actual Function             | Count | Expected Function           | Count | Resu | lt       |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     |      | ~        |

| Test Step 1.10 (Repeat Count = 1) | <b>✓</b>               |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| ADDCoef_MtrNmSpRad_T_f32          | 0.005                  |
| VehicleSpeed_Kph_T_f32            | 32.28                  |
| WIRCmdAmpBlnd_MtrNm_T_f32         | 8.8                    |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |
| k_InrtCmp_MtrInertia_KgmSq_f32    | 0.00009                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 656                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 672                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 688                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]   | 704                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 720                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]   | 736                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 752                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]   | 768                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 784                    |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][9]   | 800                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 816                    |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 832                    |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 1296                   |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][1]   | 1312                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 1328                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 1344                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 1360                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 1376                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 1392                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 1408                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 1424                   |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][9]   | 1440                   |

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| FilterCoetCaic                         |               | IOE                       | CILAB |
|--|---------------|---------------------------|-------|
| Name                                   | Input Value   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 1456          |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 1472          |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]                | 10368         |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]                | 10496         |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]                | 10624         |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]                | 10752         |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]                | 10880         |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]                | 11008         |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]                | 11136         |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]                | 11264         |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]                | 11392         |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]                | 11520         |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]               | 11648         |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]               | 11776         |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 4915          |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 6554          |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 8192          |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 9830          |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 11469         |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 141           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 154           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 166           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 179           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 192           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 205           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 218           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 230           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 243           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 256           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 269           |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 282           |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 410           |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 435           |                           |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]            | 461           |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 486           |                           |       |
| t_WIRBIndTblX_MtrNm_u8p8[4]            | 512           |                           |       |
| Name                                   | Actual Value  | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.0954187065 | -0.095418708 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.039999991   | 0.04 ± 0.0000009          | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | 0.0554187112  | 0.055418708 ± 0.00000009  |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 1.28349459    | 1.283494792 ± 0.000009    |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -6.49632454   | -6.496324749 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 8.22018147    | 8.220180459 ± 0.000009    |       |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~        |

| Test Step 1.11 (Repeat Count = 1) | ✓                      |
|-----------------------------------|------------------------|
| Name                              | Input Value            |
| ADDCoef_MtrNmSpRad_T_f32          | 0.006                  |
| VehicleSpeed_Kph_T_f32            | 48.52                  |
| WIRCmdAmpBlnd_MtrNm_T_f32         | 5.6                    |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |
| k_InrtCmp_MtrInertia_KgmSq_f32    | 0.0001                 |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 1296                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 1312                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1328                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 1344                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 1360                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 1376                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 1392                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 1408                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 1424                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 1440                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 1456                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 1472                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 1136                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 1152                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 1168                   |

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| FilterCoefCalc                         |              | ( 02                     | Cital |
|--|--------------|--------------------------|-------|
| Name                                   | Input Value  |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]        | 1184         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]        | 1200         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]        | 1216         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]        | 1232         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]        | 1248         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]        | 1264         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]        | 1280         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 1296         |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 1312         |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]                | 5248         |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]                | 5376         |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]                | 5504         |                          |       |
| t CmnVehSpd Kph u9p7[3]                | 5632         |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]                | 5760         |                          |       |
|  | 5888         |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]                |              |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]                | 6016         |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]                | 6144         |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]                | 6272         |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]                | 6400         |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]               | 6528         |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]               | 6656         |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 6554         |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 8192         |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 9830         |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 11469        |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 13107        |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 166          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 179          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 192          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 205          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 218          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 230          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 243          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 256          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 269          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 282          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 294          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 307          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 666          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 691          |                          |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]            | 717          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 742          |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 768          |                          |       |
| Name                                   | Actual Value | Expected Value           | Resu  |
| tgt filtCoef Uls T Str.b0 Uls f32      | -0.246170521 | -0.246170482 ± 0.0000009 | Resu  |
|  | 0.0480000004 | 0.048 ± 0.00000009       |       |
| tgt_filtCoof_Uls_T_Str.b1_Uls_f32      | 0.198170513  | 0.198170482 ± 0.0000009  |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      |              |                          |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 0.976945579  | 0.976945693 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -5.9533534   | -5.953353668 ± 0.000009  | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 9.06970024   | 9.06970064 ± 0.000009    | •     |

| T                           |       |                             |       | •      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |

| Test Step 1.12 (Repeat Count = 1) |                        | <b>~</b> |
|-----------------------------------|------------------------|----------|
| Name                              | Input Value            |          |
| ADDCoef_MtrNmSpRad_T_f32          | 0.007                  |          |
| VehicleSpeed_Kph_T_f32            | 64.95                  |          |
| WIRCmdAmpBInd_MtrNm_T_f32         | 1.1                    |          |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |          |
| k_InrtCmp_MtrInertia_KgmSq_f32    | 0.00011                |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 1136                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 1152                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1168                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 1184                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 1200                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 1216                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 1232                   |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 1248                   |          |

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| Name   | Input Value  |                          |      |
|--|--------------|--------------------------|------|
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                            | 1264         |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                            | 1280         |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                           | 1296         |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                           | 1312         |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                            | 176          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                            | 192          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 208          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                            | 224          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                            | 240          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                            | 256          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                            | 272          |                          |      |
| t2 FDD FreqTblYM Hz u12p4[1][7]                            | 288          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                            | 304          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                            | 320          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                           | 336          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                           | 352          |                          |      |
| t_CmnVehSpd_Kph_u9p7[0]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[1]                                    | 0            |                          |      |
| t CmnVehSpd Kph u9p7[2]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[3]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[4]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[5]                                    | 0            |                          |      |
| t CmnVehSpd Kph u9p7[6]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[7]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[8]                                    | 0            |                          |      |
| t_CmnVehSpd_Kph_u9p7[9]                                    | 0            |                          |      |
| t CmnVehSpd Kph u9p7[10]                                   | 0            |                          |      |
| t CmnVehSpd Kph u9p7[11]                                   | 0            |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                           | 8192         |                          |      |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[1]                           | 9830         |                          |      |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[2]                           | 11469        |                          |      |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[3]                           | 13107        |                          |      |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[4]                           | 14746        |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                      | 205          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                      | 218          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                      | 230          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                      | 243          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                      | 256          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                      | 269          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                      | 282          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                      | 294          |                          |      |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]                      | 307          |                          |      |
|  | 320          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                      | 333          |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                     |              |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                     | 346          |                          |      |
| t_WirbindTbiX_MtrNm_u8p8[0]<br>t WirbindTbiX_MtrNm_u8p8[1] | 922          |                          |      |
|  | 947<br>973   |                          |      |
| t_WIRBIndTblX_MtrNm_u8p8[2]                                |              |                          |      |
| t_WIRBIndTblX_MtrNm_u8p8[3]                                | 998          |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                | 1024         | Franciska (137.)         |      |
| Name   | Actual Value | Expected Value           | Resu |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                          | -0.170547396 | -0.170547388 ± 0.0000009 |      |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                          | 0.0560000017 | 0.056 ± 0.00000009       | •    |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                          | 0.114547402  | 0.114547388 ± 0.0000009  | •    |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                          | 1.81319332   | 1.813193477 ± 0.000009   | •    |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                          | -7.14600277  | -7.14600287 ± 0.000009   |      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                          | 7.04080439   | 7.040803652 ± 0.000009   |      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~        |

| Test Step 1.13 (Repeat Count = 1) |                        | ✓ |
|-----------------------------------|------------------------|---|
| Name                              | Input Value            |   |
| ADDCoef_MtrNmSpRad_T_f32          | 0.008                  |   |
| VehicleSpeed_Kph_T_f32            | 80.35                  |   |
| WIRCmdAmpBInd_MtrNm_T_f32         | 1.2                    |   |
| filtCoef_Uls_T_Str                | tgt_filtCoef_UIs_T_Str |   |
| k_InrtCmp_MtrInertia_KgmSq_f32    | 0.00012                |   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 176                    |   |

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| Name                                   | Input Value   |                           |      |
|--|---------------|---------------------------|------|
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]        | 192           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]        | 208           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]        | 224           |                           |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]        | 240           |                           |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]        | 256           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]        | 272           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]        | 288           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]        | 304           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]        | 320           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]       | 336           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]       | 352           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]        | 496           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]        | 512           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]        | 528           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]        | 544           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]        | 560           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]        | 576           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]        | 592           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]        | 608           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]        | 624           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]        | 640           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 656           |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 672           |                           |      |
| t_CmnVehSpd_Kph_u9p7[0]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[1]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[2]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[3]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[4]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[5]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[6]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[7]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[8]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[9]                | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[10]               | 32640         |                           |      |
| t_CmnVehSpd_Kph_u9p7[11]               | 32640         |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 1638          |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 3277          |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 4915          |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 6554          |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 8192          |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 218           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 230           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 243           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 256           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 269           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 282           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 294           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 307           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 320           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 333           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 346           |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 358           |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 1178          |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 1203          |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 1229          |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1254          |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1280          |                           |      |
| Name                                   | Actual Value  | Expected Value            | Resu |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.0392927453 | -0.039292744 ± 0.00000009 |      |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.064000003   | 0.064 ± 0.00000009        |      |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.0247072577 | -0.024707256 ± 0.00000009 |      |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 3.37325883    | 3.373258677 ± 0.000009    |      |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -7.94662905   | -7.946629189 ± 0.000009   |      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 4.68011236    | 4.680112134 ± 0.000009    |      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 4     | IntplVarXY u16 u16Xu16Y Cnt | 4     | ~        |





| Test Step 1.14 (Repeat Count = 1)                                  | In most Males                     |                           |       |
|--|-----------------------------------|---------------------------|-------|
| Name   | Input Value                       |                           |       |
| ADDCoef_MtrNmSpRad_T_f32   | 0.009                             |                           |       |
| VehicleSpeed_Kph_T_f32   | 96.62                             |                           |       |
| WIRCmdAmpBInd_MtrNm_T_f32<br>filtCoef Uls T Str                    | 1.3                               |                           |       |
| k InrtCmp MtrInertia KgmSq f32                                     | tgt_filtCoef_Uls_T_Str<br>0.00013 |                           |       |
| k_initCmp_wumeriia_kgmsq_isz<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0]    | 496                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                    | 512                               |                           |       |
| t2_FDD_F1eq1b17M_nz_u12p4[0][1]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][2] | 528                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                    | 544                               |                           |       |
| t2 FDD FreqTbIYM Hz u12p4[0][4]                                    | 560                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                    | 576                               |                           |       |
| t2 FDD FreqTblYM Hz u12p4[0][6]                                    | 592                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                    | 608                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                    | 624                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                    | 640                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                   | 656                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                   | 672                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                    | 64                                |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                    | 80                                |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                    | 96                                |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                    | 112                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 128                               |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][5]                                    | 144                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                    | 160                               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                    | 176                               |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][8]                                    | 192                               |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][9]                                    | 208                               |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][10]                                   | 224                               |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][11]                                   | 240                               |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                              |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]  | 10240                             |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                             |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                             |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                             |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                             |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640                             |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                   | 3277                              |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                   | 4915                              |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                   | 6554                              |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                   | 8192                              |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                   | 9830                              |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                              | 13                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                              | 26                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                              | 38                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                              | 51                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                              | 64                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                              | 77                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                              | 90                                |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                              | 102                               |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                              | 115                               |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                              | 128                               |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                             | 141                               |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                             | 154<br>1434                       |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1434                              |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]<br>t_WIRBIndTbIX_MtrNm_u8p8[2]         | 1485                              |                           |       |
| t_WIRBINdTblX_MtrNm_u8p8[3]  | 1510                              |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1536                              |                           |       |
|  |                                   | Expected Value            | Page  |
| Name tot filtCoef Lile T Str b0 Lile f32                           | Actual Value                      | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                  | -0.0544182248                     | -0.054418228 ± 0.00000009 |       |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                  | 0.071999969                       | 0.072 ± 0.00000009        |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                  | -0.0175817721                     | -0.017581772 ± 0.00000009 |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                  | 2.50426316                        | 2.504263453 ± 0.000009    |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                  | -7.6513648                        | -7.651364918 ± 0.000009   | •     |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | -      |





| Test Step 1.15 (Repeat Count = 1)  |                           |                          | ✓      |
|--|---------------------------|--------------------------|--------|
| Name   | Input Value               |                          |        |
| ADDCoef_MtrNmSpRad_T_f32   | 0.01                      |                          |        |
| VehicleSpeed_Kph_T_f32   | 112.41                    |                          |        |
| WIRCmdAmpBInd_MtrNm_T_f32  | 1.4                       |                          |        |
| filtCoef_Uls_T_Str   | tgt_filtCoef_Uls_T_Str    |                          |        |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00014                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 16                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 80                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 96                        |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 112                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 128                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 144                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 160                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 176                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 192                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 208                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 224                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]   | 240                       |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]   | 256                       |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]  | 6784                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]  | 6912                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]  | 7040                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]  | 7168                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]  | 7296                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]  | 7424                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]  | 7552                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]  | 7680                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]  | 7808                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]  | 7936                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]   | 8064                      |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]   | 8192                      |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]   | 4915                      |                          |        |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[1]   | 6554                      |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]   | 8192                      |                          |        |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[3]   | 9830                      |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 11469                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 26                        |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 38                        |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 51                        |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 64                        |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]<br>t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] | 77<br>90                  |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 102                       |                          |        |
|  | 115                       |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]    | 115                       |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]    | 128                       |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 154                       |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 166                       |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1690                      |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 1715                      |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1741                      |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1766                      |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1792                      |                          |        |
| Name   | Actual Value              | Expected Value           | Dogult |
|  |                           |                          | Result |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32  | -0.0412790775             | -0.04127908 ± 0.00000009 |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32  | 0.079999982               | 0.08 ± 0.00000009        | · ·    |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32  | -0.0387209207             | -0.03872092 ± 0.00000009 | •      |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32  | 3.72832537                | 3.728325621 ± 0.000009   |        |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32  | -7.99044704<br>4.39133750 | -7.990446859 ± 0.000009  | •      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32  | 4.28122759                | 4.28122752 ± 0.000009    | ·      |

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| T                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.16 (Repeat Count = 1)                  |                        |                          | V      |
|--|------------------------|--------------------------|--------|
| Name   | Input Value            |                          |        |
| ADDCoef_MtrNmSpRad_T_f32                           | 0.011                  |                          |        |
| VehicleSpeed_Kph_T_f32                             | 128.56                 |                          |        |
| WIRCmdAmpBInd_MtrNm_T_f32                          | 1.5                    |                          |        |
| filtCoef_Uls_T_Str                                 | tgt_filtCoef_Uls_T_Str |                          |        |
| k_InrtCmp_MtrInertia_KgmSq_f32                     | 0.00015                |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                    | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                   | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                   | 1600                   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                    | 96                     |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                    | 112                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                    | 128                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                    | 144                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                    | 160                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                    | 176                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                    | 192                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                    | 208                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                    | 224                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                    | 240                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                   | 256                    |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                   | 272<br>128             |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]                            | 256                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]                            | 384                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]<br>t_CmnVehSpd_Kph_u9p7[3] | 512                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]                            | 640                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]                            | 768                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]                            | 896                    |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]                            | 1024                   |                          |        |
| t CmnVehSpd Kph u9p7[8]                            | 1152                   |                          |        |
| t CmnVehSpd Kph u9p7[9]                            | 1280                   |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                           | 1408                   |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                           | 1536                   |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                   | 6554                   |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                   | 8192                   |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                   | 9830                   |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                   | 11469                  |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                   | 13107                  |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]              | 38                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]              | 51                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]              | 64                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]              | 77                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]              | 90                     |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]              | 102                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]              | 115                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]              | 128                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]              | 141                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]              | 154                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]             | 166                    |                          |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]             | 179                    |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]                        | 1894                   |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]                        | 1920                   |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                        | 1946                   |                          |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]                        | 1971                   |                          |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                        | 1997                   |                          |        |
| Name   | Actual Value           | Expected Value           | Result |
| tgt_filtCoef_UIs_T_Str.b0_UIs_f32                  | -0.199160993           | -0.199160956 ± 0.0000009 |        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                  | 0.087999995            | 0.088 ± 0.00000009       | ✓      |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                  | 0.111160994            | 0.111160956 ± 0.0000009  |        |

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| Τ                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.17 (Repeat Count = 1)                                   |                        |                          |             |
|---|------------------------|--------------------------|-------------|
| Name  | Input Value            |                          |             |
| ADDCoef_MtrNmSpRad_T_f32  | 0.012                  |                          |             |
| VehicleSpeed_Kph_T_f32  | 144.52                 |                          |             |
| WIRCmdAmpBlnd_MtrNm_T_f32   | 1.6                    |                          |             |
| filtCoef_Uls_T_Str  | tgt_filtCoef_UIs_T_Str |                          |             |
| k_InrtCmp_MtrInertia_KgmSq_f32                                      | 0.00016                |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                     | 816<br>832             |                          |             |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][2]  | 848                    |                          |             |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]                                     | 864                    |                          |             |
| t2_FDD_F1eq1b1fM_F12_012p4[0][3]<br>t2_FDD_F1eq1b1fM_Hz_u12p4[0][4] | 880                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                     | 896                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                     | 912                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                     | 928                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                     | 944                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                     | 960                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                    | 976                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                    | 992                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                     | 656                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                     | 672                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                     | 688                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                     | 704                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                     | 720                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 736                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 752                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 768                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 784                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 800                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                    | 816                    |                          |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 832                    |                          |             |
| t_CmnVehSpd_Kph_u9p7[0]   | 2560                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[1]   | 3840                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[2]   | 5120                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[3]   | 6400                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[4]   | 7680                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[5]   | 8960                   |                          |             |
| t_CmnVehSpd_Kph_u9p7[6]   | 10240                  |                          |             |
| t_CmnVehSpd_Kph_u9p7[7]   | 11520                  |                          |             |
| t_CmnVehSpd_Kph_u9p7[8]   | 12800                  |                          |             |
| t_CmnVehSpd_Kph_u9p7[9]   | 14080                  |                          |             |
| t_CmnVehSpd_Kph_u9p7[10]  | 15360                  |                          |             |
| t_CmnVehSpd_Kph_u9p7[11]  | 16640                  |                          |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 8192                   |                          |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                    | 9830                   |                          |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 11469                  |                          |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 13107                  |                          |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 14746                  |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                               | 51                     |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                               | 64                     |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                               | 77                     |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                               | 90                     |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                               | 102                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                               | 115                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                               | 128                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                               | 141                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                               | 154                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                               | 166                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                              | 179                    |                          |             |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                              | 192                    |                          |             |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 794                    |                          |             |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 819                    |                          |             |
| t_WIRBIndTblX_MtrNm_u8p8[2]   | 845                    |                          |             |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 870                    |                          |             |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 896                    |                          |             |
| Name  | Actual Value           | Expected Value           | Resul       |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                   | -0.17973122            | -0.179731222 ± 0.0000009 | •           |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                   | 0.0960000008           | 0.096 ± 0.00000009       | •           |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                   | 0.0837312266           | 0.083731222 ± 0.00000009 | •           |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                   | 1.64792883             | 1.647929015 ± 0.000009   | •           |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                   | -6.97387695            | -6.97387697 ± 0.000009   | •           |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                   | 7.37819529             | 7.378194015 ± 0.000009   | · · · · · · |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | -      |





| Test Step 1.18 (Repeat Count = 1)   |                        |                           |      |
|---|------------------------|---------------------------|------|
| Name  | Input Value            |                           |      |
| ADDCoef_MtrNmSpRad_T_f32  | 0.013                  |                           |      |
| VehicleSpeed_Kph_T_f32<br>WIRCmdAmpBInd_MtrNm_T_f32                         | 160.63                 |                           |      |
| filtCoef Uls T Str  | tgt_filtCoef_Uls_T_Str |                           |      |
| k InrtCmp MtrInertia KgmSq f32  | 0.0003                 |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 32                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 48                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 64                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 80                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 96                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 112                    |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 128                    |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 144                    |                           |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][9]   | 160<br>176             |                           |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][10]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][11]        | 192                    |                           |      |
| t2 FDD FreqTbIYM Hz u12p4[1][0]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 16                     |                           |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 16                     |                           |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][10]<br>t2_FDD_FreqTbIYM_Hz_u12p4[1][11]        | 16<br>16               |                           |      |
| t_CmnVehSpd_Kph_u9p7[0]   | 6784                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[1]   | 6912                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[2]   | 7040                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[3]   | 7168                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[4]   | 7296                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[5]   | 7424                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[6]   | 7552                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[7]   | 7680                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[8]   | 7808                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[9]   | 7936                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[10]  | 8064                   |                           |      |
| t_CmnVehSpd_Kph_u9p7[11] t DmpFiltKpWIRBIndY Uls u2p14[0]                   | 8192<br>1638           |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 3277                   |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 4915                   |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 6554                   |                           |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 8192                   |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                       | 64                     |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                       | 77                     |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                       | 90                     |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                       | 102                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                       | 115                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                       | 128                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                       | 141                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                       | 154<br>166             |                           |      |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9] | 179                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                      | 192                    |                           |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                      | 205                    |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1050                   |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1075                   |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1101                   |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1126                   |                           |      |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1152                   |                           |      |
| Name  | Actual Value           | Expected Value            | Resu |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32   | -0.0631598011          | -0.063159799 ± 0.00000009 | •    |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32   | 0.104000002            | 0.104 ± 0.0000009         | •    |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32   | -0.0408402011          | -0.040840201 ± 0.00000009 | •    |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32   | 3.47085524             | 3.47085539 ± 0.000009     | •    |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32   | -7.96247482            | -7.962474705 ± 0.000009   |      |

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| T                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.19 (Repeat Count = 1)                                    |                        |                          |      |
|--|------------------------|--------------------------|------|
| Name   | Input Value            |                          |      |
| ADDCoef_MtrNmSpRad_T_f32   | 0.014                  |                          |      |
| VehicleSpeed_Kph_T_f32   | 176.85                 |                          |      |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 1.8                    |                          |      |
| filtCoef_Uls_T_Str   | tgt_filtCoef_Uls_T_Str |                          |      |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.00031<br>32          |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      |                        |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                      | 48<br>64               |                          |      |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][3]   | 80                     |                          |      |
| t2_FDD_Fleq16lfW_Fl2_u12p4[0][3]<br>t2_FDD_Fleq16lfW_Fl2_u12p4[0][4] | 96                     |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 112                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                      | 128                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 144                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      | 160                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 176                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 192                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 208                    |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                      | 1600                   |                          |      |
| t2 FDD FreqTbIYM Hz u12p4[1][2]                                      | 1600                   |                          |      |
| t2 FDD FreqTbIYM Hz u12p4[1][3]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                      | 1600                   |                          |      |
| t2 FDD FreqTbIYM Hz u12p4[1][5]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                      | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                     | 1600                   |                          |      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                     | 1600                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[0]  | 128                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[1]  | 256                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[2]  | 384                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[3]  | 512                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[4]  | 640                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[5]  | 768                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[6]  | 896                    |                          |      |
| t_CmnVehSpd_Kph_u9p7[7]  | 1024                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[8]  | 1152                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[9]  | 1280                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[10]   | 1408                   |                          |      |
| t_CmnVehSpd_Kph_u9p7[11]   | 1536                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                     | 3277                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 4915                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                     | 6554                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                     | 8192                   |                          |      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                     | 9830                   |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 154                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 166                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 179                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 192                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 205                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 218                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 230                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                | 243                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                | 256                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                | 269                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                               | 282                    |                          |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                               | 294                    |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1306                   |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1331                   |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1357                   |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1382                   |                          |      |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1408                   |                          |      |
| Name   | Actual Value           | Expected Value           | Resu |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                    | -0.173795044           | -0.173795005 ± 0.0000009 | •    |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                    | 0.112000003            | 0.112 ± 0.0000009        | •    |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                    | 0.0617950335           | 0.061795005 ± 0.00000009 | •    |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                    | 2.61782336             | 2.617823645 ± 0.000009   | •    |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                    | -7.70810461            | -7.708104611 ± 0.000009  |      |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                    | 5.67407131             | 5.674071744 ± 0.000009   |      |

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| T                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.20 (Repeat Count = 1)                                    |                        |                          |       |
|--|------------------------|--------------------------|-------|
| Name   | Input Value            |                          |       |
| ADDCoef_MtrNmSpRad_T_f32   | 0.015                  |                          |       |
| VehicleSpeed_Kph_T_f32   | 192.52                 |                          |       |
| WIRCmdAmpBlnd_MtrNm_T_f32  | 1.9                    |                          |       |
| filtCoef_Uls_T_Str   | tgt_filtCoef_UIs_T_Str |                          |       |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.00032                |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 48<br>64               |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]                                      | 80                     |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][3]   | 96                     |                          |       |
| t2_FDD_F1eq1b1fW_F12_012p4[0][3]<br>t2_FDD_F1eq1b1fW_F12_012p4[0][4] | 112                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 128                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                      | 144                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 160                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      | 176                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 192                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 208                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 224                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 656                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                      | 672                    |                          |       |
| t2 FDD FreqTblYM Hz u12p4[1][2]                                      | 688                    |                          |       |
| t2 FDD FreqTbIYM Hz u12p4[1][3]                                      | 704                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                      | 720                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                      | 736                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                      | 752                    |                          |       |
| t2 FDD FreqTblYM Hz u12p4[1][7]                                      | 768                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                      | 784                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                      | 800                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                     | 816                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                     | 832                    |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]  | 10240                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640                  |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                     | 4915                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 6554                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                     | 8192                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                     | 9830                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                     | 11469                  |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 179                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 192                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 205                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 218                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 230                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 243                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 256                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                | 269                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                | 282                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                | 294                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                               | 307                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                               | 320                    |                          |       |
| t_WIRBIndTbiX_MtrNm_u8p8[0]  | 1562                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1587                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1613                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1638                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1664                   |                          |       |
| Name   | Actual Value           | Expected Value           | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                    | -0.155867472           | -0.155867459 ± 0.0000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                    | 0.119999997            | 0.12 ± 0.0000009         | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                    | 0.0358674712           | 0.035867459 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                    | 2.82515574             | 2.825155925 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                    | -7.79624844            | -7.796248275 ± 0.000009  | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                    | 5.37859583             | 5.3785958 ± 0.000009     |       |

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| Т                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.21 (Repeat Count = 1)                                   |                                   |                           |                                       |
|---|-----------------------------------|---------------------------|---------------------------------------|
| Name  | Input Value                       |                           |                                       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.016                             |                           |                                       |
| VehicleSpeed_Kph_T_f32  | 208.12                            |                           |                                       |
| WIRCmdAmpBlnd_MtrNm_T_f32<br>filtCoef Uls T Str                     |                                   |                           |                                       |
| k InrtCmp MtrInertia KgmSq f32                                      | tgt_filtCoef_Uls_T_Str<br>0.00033 |                           |                                       |
| k_intemp_withertia_kginsq_isz<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0]    | 64                                |                           |                                       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                                     | 80                                |                           |                                       |
| t2_FDD_F1eq1b1fM_F12_012p4[0][1]<br>t2_FDD_F1eq1b1fM_Hz_u12p4[0][2] | 96                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                     | 112                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                     | 128                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                     | 144                               |                           |                                       |
| t2 FDD FreqTblYM Hz u12p4[0][6]                                     | 160                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                     | 176                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                     | 192                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                     | 208                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                    | 224                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                    | 240                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                     | 16                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                     | 32                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                     | 48                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                     | 64                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                     | 80                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 96                                |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 112                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 128                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 144                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 160                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                    | 176                               |                           |                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 192                               |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[0]   | 12800                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[1]   | 12928                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[2]   | 13056                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[3]   | 13184                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[4]   | 13312                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[5]   | 13440                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[6]   | 13568                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[7]   | 13696                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[8]   | 13824                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[9]   | 13952                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[10]  | 14080                             |                           |                                       |
| t_CmnVehSpd_Kph_u9p7[11]  | 14208                             |                           |                                       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 6554                              |                           |                                       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                    | 8192                              |                           |                                       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 9830                              |                           |                                       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 11469                             |                           |                                       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 13107                             |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                               | 141                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                               | 154                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                               | 166                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                               | 179                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                               | 192                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                               | 205                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                               | 218                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                               | 230                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                               | 243                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                               | 256                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                              | 269                               |                           |                                       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                              | 282                               |                           |                                       |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 0                                 |                           |                                       |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 0                                 |                           |                                       |
| t_WIRBIndTblX_MtrNm_u8p8[2]   | 0                                 |                           |                                       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 0                                 |                           |                                       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 0                                 |                           |                                       |
| Name  | Actual Value                      | Expected Value            | Resul                                 |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                   | -0.0883268192                     | -0.088326814 ± 0.00000009 | •                                     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                   | 0.128000006                       | 0.128 ± 0.0000009         | •                                     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                   | -0.0396731868                     | -0.039673186 ± 0.00000009 | •                                     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                   | 3.39172339                        | 3.3917236 ± 0.000009      | •                                     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                   | -7.94985914                       | -7.94985896 ± 0.000009    |                                       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                   | 4.65841722                        | 4.65841744 ± 0.000009     | • • • • • • • • • • • • • • • • • • • |

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| Т                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.22 (Repeat Count = 1)   |                        |                           |       |
|---|------------------------|---------------------------|-------|
| Name  | Input Value            |                           |       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.017                  |                           |       |
| VehicleSpeed_Kph_T_f32  | 224.01                 |                           |       |
| WIRCmdAmpBInd_MtrNm_T_f32   | 2.1                    |                           |       |
| filtCoef_UIs_T_Str  | tgt_filtCoef_Uls_T_Str |                           |       |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00034                |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 80<br>96               |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][2]          | 112                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 128                    |                           |       |
| t2 FDD FreqTblYM Hz u12p4[0][4]   | 144                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 160                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 176                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 192                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 208                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 224                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 240                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 256                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 32                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 48                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 64                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 80                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 96                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 112                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 128                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 144                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 160                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 176<br>192             |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][11]        | 208                    |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 15488                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 15616                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 15744                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 15872                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 16000                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 16128                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 16256                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 16384                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 16512                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 16640                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 16768                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 16896                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 8192                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 9830                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 11469                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 13107                  |                           |       |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[4]  | 14746                  |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                       | 166                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_UIs_u9p7[1]                                       | 179                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] t InrtCmp ScaleFactorTblY Uls u9p7[3] | 192<br>205             |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                       | 218                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                       | 230                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                       | 243                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                       | 256                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                       | 269                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                       | 282                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                      | 294                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                      | 307                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 2048                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 2048                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 2048                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 2048                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 2048                   |                           |       |
| Name  | Actual Value           | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32   | -0.10374245            | -0.103742449 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32   | 0.136000007            | 0.136 ± 0.0000009         | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32   | -0.0322575532          | -0.032257551 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32   | 3.30435205             | 3.304351854 ± 0.000009    | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32   | -7.93359709            | -7.933597302 ± 0.000009   |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32   | 4.76205063             | 4.762050845 ± 0.000009    | •     |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.23 (Repeat Count = 1)                                 | Ironat Walna                      |                           |                   |
|---|-----------------------------------|---------------------------|-------------------|
| Name  | Input Value                       |                           |                   |
| ADDCoef_MtrNmSpRad_T_f32  | 0.018                             |                           |                   |
| VehicleSpeed_Kph_T_f32  | 240.02<br>3.5                     |                           |                   |
| WIRCmdAmpBInd_MtrNm_T_f32<br>filtCoef Uls T Str                   |                                   |                           |                   |
| k InrtCmp MtrInertia KgmSq f32                                    | tgt_filtCoef_Uls_T_Str<br>0.00035 |                           |                   |
| k_inticinp_withertia_kgm5q_i32<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0] | 96                                |                           |                   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                                   | 112                               |                           |                   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]                                   | 128                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                   | 144                               |                           |                   |
| t2 FDD FreqTbIYM Hz u12p4[0][4]                                   | 160                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                   | 176                               |                           |                   |
| t2 FDD FreqTblYM Hz u12p4[0][6]                                   | 192                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                   | 208                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                   | 224                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                   | 240                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                  | 256                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                  | 272                               |                           |                   |
| t2 FDD FreqTblYM Hz u12p4[1][0]                                   | 48                                |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                   | 64                                |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                   | 80                                |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                   | 96                                |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                   | 112                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                   | 128                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                   | 144                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                   | 160                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                   | 176                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                   | 192                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                  | 208                               |                           |                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                  | 224                               |                           |                   |
| t_CmnVehSpd_Kph_u9p7[0]   | 10368                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[1]   | 10496                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[2]   | 10624                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[3]   | 10752                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[4]   | 10880                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[5]   | 11008                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[6]   | 11136                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[7]   | 11264                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[8]   | 11392                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[9]   | 11520                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[10]  | 11648                             |                           |                   |
| t_CmnVehSpd_Kph_u9p7[11]  | 11776                             |                           |                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                  | 3277                              |                           |                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                  | 4915                              |                           |                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                  | 6554                              |                           |                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                  | 8192                              |                           |                   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                  | 9830                              |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                             | 205                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                             | 218                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                             | 230                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                             | 243                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                             | 256                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                             | 269                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                             | 282                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                             | 294                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8]                             | 307                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                             | 320                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                            | 333                               |                           |                   |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                            | 346                               |                           |                   |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                                       | 256                               |                           |                   |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                                       | 512                               |                           |                   |
| t_WIRBIndTblX_MtrNm_u8p8[2]                                       | 768                               |                           |                   |
| t_WIRBIndTblX_MtrNm_u8p8[3]                                       | 1024                              |                           |                   |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                       | 1280                              | F 1 111 1                 |                   |
| Name  | Actual Value                      | Expected Value            | Resul             |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                 | -0.120654218                      | -0.120654218 ± 0.0000009  | •                 |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                 | 0.143999994                       | 0.144 ± 0.0000009         | •                 |
| tgt_filtCoef_UIs_T_Str.b2_UIs_f32                                 | -0.0233457759                     | -0.023345782 ± 0.00000009 | •                 |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                 | 3.25202346                        | 3.25202347 ± 0.000009     | •                 |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                 | -7.922647                         | -7.92264714 ± 0.000009    | •                 |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                 | 4.82532883                        | 4.82532939 ± 0.000009     | · · · · · · · · · |

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| Τ                           |       |                             |       |        |  |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |  |





| ADDCoef_MtrNmSpRad_T_i32  VehicleSpeed_Kph_T_i32  WRCmdAmpBlind_MtrNm_T_i32  filtCoef_Uls_T_Str  k_InrtCmp_MtrInertia_KgmSq_i32  12_FDD_FreqTblYM_Hz_u12p4[0][0]  12_FDD_FreqTblYM_Hz_u12p4[0][1]  12_FDD_FreqTblYM_Hz_u12p4[0][3]  12_FDD_FreqTblYM_Hz_u12p4[0][6]  12_FDD_FreqTblYM_Hz_u12p4[0][6]  12_FDD_FreqTblYM_Hz_u12p4[0][6]  12_FDD_FreqTblYM_Hz_u12p4[0][6]  12_FDD_FreqTblYM_Hz_u12p4[0][6]  12_FDD_FreqTblYM_Hz_u12p4[0][7]  12_FDD_FreqTblYM_Hz_u12p4[0][9]  12_FDD_FreqTblYM_Hz_u12p4[0][1]  12_FDD_FreqTblYM_Hz_u12p4[0][1]  12_FDD_FreqTblYM_Hz_u12p4[0][1]  12_FDD_FreqTblYM_Hz_u12p4[0][1]  12_FDD_FreqTblYM_Hz_u12p4[1][0]  12_ | Input Value  0.019  256.05  4.3  1gt_filtCoef_Uls_T_Str  0.00036  336  352 |                          |        |
|--|--|--------------------------|--------|
| VehicleSpeed_Kph_T_f32  WiRCmdAmpBlnd_MtrNm_T_f32  filtCoef_Uls_T_Str  | 256.05<br>4.3<br>Igt_filtCoef_Uls_T_Str<br>0.00036<br>336<br>352<br>368    |                          |        |
| ### WIRCmdAmpBInd_MtrNm_T_f32   ### ElitCoef_UIs_T_Str   | 4.3<br>lgt_filtCoef_Uls_T_Str<br>0.00036<br>336<br>352<br>368              |                          |        |
| filtCoef_Uls_T_Str k_InrtCmp_MtrInertia_KgmSq_f32 t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FD_ | tg_filtCoef_Uls_T_Str<br>0.00036<br>336<br>352<br>368                      |                          |        |
| k_inrtCmp_Mtrinertia_KgmSq_f32 t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12 | 0.00036<br>3336<br>3352<br>3368  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u1 | 336<br>352<br>368  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_ | 352<br>368   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_H | 368  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_H |  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM |  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblY | 384  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 400  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 416  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 432  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 448  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 464  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t2_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 480  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  t2_FDD_FreqTblYM_Hz_u12p4[1][1]  t2_FDD_FreqTblYM_Hz_u12p4[1][2]  t2_FDD_FreqTblYM_Hz_u12p4[1][3]  t2_FDD_FreqTblYM_Hz_u12p4[1][4]  t2_FDD_FreqTblYM_Hz_u12p4[1][6]  t2_FDD_FreqTblYM_Hz_u12p4[1][7]  t2_FDD_FreqTblYM_Hz_u12p4[1][8]  t2_FDD_FreqTblYM_Hz_u12p4[1][8]  t2_FDD_FreqTblYM_Hz_u12p4[1][9]  t2_FDD_FreqTblYM_Hz_u12p4[1][10]  t2_FDD_FreqTblYM_Hz_u12p4[1][11]  t2_FDD_FreqTblYM_Hz_u12p4[1][11]  t2_FDD_FreqTblYM_Hz_u12p4[1][11]  t_CmnVehSpd_Kph_u9p7[0]  t_CmnVehSpd_Kph_u9p7[1]  t_CmnVehSpd_Kph_u9p7[3]  t_CmnVehSpd_Kph_u9p7[6]  t_CmnVehSpd_Kph_u9p7[6]  t_CmnVehSpd_Kph_u9p7[8]  t_CmnVehSpd_Kph_u9p7[9]  t_CmnVehSpd_Kph_u9p7[9]  t_CmnVehSpd_Kph_u9p7[9]  t_CmnVehSpd_Kph_u9p7[10]  t_CmnVehSpd_Kph_u9p7[10]  t_CmnVehSpd_Kph_u9p7[11]  | 496  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 512  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 64   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 80   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 96   |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 112  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 128  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7] t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 144  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 160  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 176  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 192  |                          |        |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]   | 208  |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]  t_CmnVehSpd_Kph_u9p7[1]  t_CmnVehSpd_Kph_u9p7[2]  t_CmnVehSpd_Kph_u9p7[3]  t_CmnVehSpd_Kph_u9p7[4]  t_CmnVehSpd_Kph_u9p7[5]  t_CmnVehSpd_Kph_u9p7[6]  t_CmnVehSpd_Kph_u9p7[7]  t_CmnVehSpd_Kph_u9p7[8]  t_CmnVehSpd_Kph_u9p7[9]  t_CmnVehSpd_Kph_u9p7[9]  t_CmnVehSpd_Kph_u9p7[10]  t_CmnVehSpd_Kph_u9p7[11]  | 224<br>240   |                          |        |
| t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 5248   |                          |        |
| t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  |  |                          |        |
| t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]  | 5376<br>5504   |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]  |  |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]  | 5632<br>5760   |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]  | 5888   |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]  | 6016   |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]  | 6144   |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]  | 6272   |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]   | 6400   |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]   | 6528   |                          |        |
|  | 6656   |                          |        |
| t_bilipi ilit\pwii\biliu1_0is_uzp14[0]   |  |                          |        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]   | 0  |                          |        |
|  | 0  |                          |        |
|  | 0  |                          |        |
| _ , , , , ,  | 0  |                          |        |
|  | 218  |                          |        |
|  | 230  |                          |        |
|  | 243  |                          |        |
|  | 256  |                          |        |
|  | 269  |                          |        |
|  | 209<br>282   |                          |        |
|  | 294  |                          |        |
|  | 307  |                          |        |
|  | 320  |                          |        |
|  | 333  |                          |        |
|  | 346  |                          |        |
|  | 358  |                          |        |
|  | 1766   |                          |        |
|  | 1792   |                          |        |
|  | 1818   |                          |        |
|  | 1843   |                          |        |
|  | 1869   |                          |        |
|  | Actual Value   | Expected Value           | Result |
|  | -0.266277403   | -0.266277387 ± 0.0000009 | Nesuit |
|  | 0.151999995  | 0.152 ± 0.0000009        | •      |
|  | 0.131999995  | 0.114277387 ± 0.0000009  |        |
|  | 2.55320787   | 2.55320816 ± 0.000009    | •      |
|  | -7.67659283  | -7.676592803 ± 0.000009  |        |
|  | 5.7701993  | 5.770199037 ± 0.000009   | ~      |

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| Τ                           |       |                             |       |        |  |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |  |



| Test Step 1.25 (Repeat Count = 1)                  | Ironat Walna           |                           |       |
|--|------------------------|---------------------------|-------|
| Name   | Input Value            |                           |       |
| ADDCoef_MtrNmSpRad_T_f32                           | 0.02                   |                           |       |
| VehicleSpeed_Kph_T_f32                             | 272.06<br>5.1          |                           |       |
| WIRCmdAmpBlnd_MtrNm_T_f32<br>filtCoef Uls T Str    | tgt_filtCoef_Uls_T_Str |                           |       |
| k InrtCmp MtrInertia KgmSq f32                     | 0.00037                |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                    | 656                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                    | 672                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                    | 688                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                    | 704                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                    | 720                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                    | 736                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                    | 752                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                    | 768                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                    | 784                    |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][9]                    | 800                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                   | 816                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                   | 832                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                    | 80                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                    | 96                     |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                    | 112                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                    | 128                    |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][4]                    | 144                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                    | 160                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                    | 176                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                    | 192                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                    | 208                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                    | 224                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                   | 240                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                   | 256                    |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]                            | 3968                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]                            | 4096                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]                            | 4224                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]                            | 4352<br>4480           |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]                            | 4608                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]<br>t_CmnVehSpd_Kph_u9p7[6] | 4736                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]                            | 4864                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]                            | 4992                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]                            | 5120                   |                           |       |
| t CmnVehSpd Kph u9p7[10]                           | 5248                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]                           | 5376                   |                           |       |
| t DmpFiltKpWIRBIndY Uls u2p14[0]                   | 16384                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                   | 16384                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                   | 16384                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                   | 16384                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                   | 16384                  |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]              | 13                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]              | 26                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]              | 38                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]              | 51                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]              | 64                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]              | 77                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]              | 90                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]              | 102                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]              | 115                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]              | 128                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]             | 141                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]             | 154                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                        | 410                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                        | 435                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                        | 461                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]                        | 486                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                        | 512                    |                           |       |
| Name   | Actual Value           | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                  | -0.0996317267          | -0.099631729 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                  | 0.159999996            | 0.16 ± 0.0000009          | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                  | -0.0603682697          | -0.060368271 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                  | 3.23617816             | 3.23617818 ± 0.000009     | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                  | -7.91914797            | -7.919148201 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                  | 4.84467363             | 4.844673619 ± 0.000009    |       |

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| Т                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.26 (Repeat Count = 1)   |                                   |                          |       |
|---|-----------------------------------|--------------------------|-------|
| Name  | Input Value                       |                          |       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.021                             |                          |       |
| VehicleSpeed_Kph_T_f32  | 288.08<br>6.4                     |                          |       |
| WIRCmdAmpBlnd_MtrNm_T_f32<br>filtCoef Uls T Str                             |                                   |                          |       |
| k_InrtCmp_MtrInertia_KgmSq_f32  | tgt_filtCoef_UIs_T_Str<br>0.00038 |                          |       |
| k_intemp_mumerta_kgmsq_isz<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0]               | 1296                              |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]   | 1312                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1328                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 1344                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 1360                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 1376                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 1392                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 1408                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 1424                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 1440                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 1456                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 1472                              |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 96                                |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 112                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 128                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 144                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 160                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 176                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 192                               |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][7]   | 208<br>224                        |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 240                               |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 256                               |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][10]<br>t2_FDD_FreqTbIYM_Hz_u12p4[1][11]        | 272                               |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 12800                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 12928                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 13056                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 13184                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 13312                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 13440                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 13568                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 13696                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 13824                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 13952                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 14080                             |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 14208                             |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 4915                              |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 6554                              |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 8192                              |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 9830                              |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 11469                             |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                       | 26                                |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                       | 38                                |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                       | 51                                |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                       | 64<br>77                          |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] | 90                                |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                       | 102                               |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                       | 115                               |                          |       |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]                                       | 128                               |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                       | 141                               |                          |       |
| t InrtCmp ScaleFactorTblY Uls u9p7[10]                                      | 154                               |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                      | 166                               |                          |       |
| t_WIRBIndTbiX_MtrNm_u8p8[0]   | 666                               |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 691                               |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 717                               |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 742                               |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 768                               |                          |       |
| Name  | Actual Value                      | Expected Value           | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32   | -0.211607069                      | -0.211607064 ± 0.0000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32   | 0.167999998                       | 0.168 ± 0.0000009        | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32   | 0.0436070785                      | 0.043607064 ± 0.00000009 |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32   | 2.26093268                        | 2.260932845 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32   | -7.50725317                       | -7.507253234 ± 0.000009  | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32   | 6.23181343                        | 6.231813921 ± 0.000009   |       |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.27 (Repeat Count = 1)      |                        |                           | ✓        |
|--|------------------------|---------------------------|----------|
| Name                                   | Input Value            |                           |          |
| ADDCoef_MtrNmSpRad_T_f32               | 0.022                  |                           |          |
| VehicleSpeed_Kph_T_f32                 | 304.09                 |                           |          |
| WIRCmdAmpBInd_MtrNm_T_f32              | 7.1                    |                           |          |
| filtCoef_Uls_T_Str                     | tgt_filtCoef_Uls_T_Str |                           |          |
| k_InrtCmp_MtrInertia_KgmSq_f32         | 0.00039                |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]        | 1136                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]        | 1152                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]        | 1168                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]        | 1184                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]        | 1200                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]        | 1216                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]        | 1232                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]        | 1248                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]        | 1264                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]        | 1280                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]       | 1296                   |                           |          |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][11]       | 1312                   |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]        | 336                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]        | 352                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]        | 368                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]        | 384                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]        | 400                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]        | 416                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]        | 432                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]        | 448                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]        | 464                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]        | 480                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]       | 496                    |                           |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]       | 512                    |                           |          |
| t_CmnVehSpd_Kph_u9p7[0]                | 15488                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[1]                | 15616                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[2]                | 15744                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[3]                | 15872                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[4]                | 16000                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                | 16128                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                | 16256                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                | 16384                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                | 16512                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                | 16640                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]               | 16768                  |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]               | 16896                  |                           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]       | 1638                   |                           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]       | 3277                   |                           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]       | 4915                   |                           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]       | 6554                   |                           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]       | 8192                   |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] | 0                      |                           |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] | 0                      |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]            | 922                    |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]            | 947                    |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]            | 973                    |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]            | 998                    |                           |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]            | 1024                   |                           |          |
| Name                                   | Actual Value           | Expected Value            | Result   |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32      | -0.0564835407          | -0.056483543 ± 0.00000009 | ~        |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32      | 0.175999999            | 0.176 ± 0.0000009         | ~        |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32      | -0.119516462           | -0.119516457 ± 0.0000009  | ~        |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32      | 1.64792883             | 1.647929015 ± 0.000009    | <b>✓</b> |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32      | -6.97387695            | -6.97387697 ± 0.000009    | ·        |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32      | 7.37819529             | 7.378194015 ± 0.000009    | <b>✓</b> |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.28 (Repeat Count = 1)                               | In most Walter                   |                         |       |
|---|----------------------------------|-------------------------|-------|
| Name  | Input Value                      |                         |       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.023                            |                         |       |
| VehicleSpeed_Kph_T_f32  | 320.07<br>8.2                    |                         |       |
| WIRCmdAmpBInd_MtrNm_T_f32                                       |                                  |                         |       |
| filtCoef_Uls_T_Str<br>k InrtCmp MtrInertia KgmSq f32            | tgt_filtCoef_Uls_T_Str<br>0.0004 |                         |       |
| k_initCmp_wumeriia_kgm5q_isz<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0] | 176                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                 | 192                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                 | 208                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                 | 224                              |                         |       |
| t2 FDD FreqTbIYM Hz u12p4[0][4]                                 | 240                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                 | 256                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                 | 272                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                 | 288                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                 | 304                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                 | 320                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                | 336                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                | 352                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                 | 656                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                 | 672                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                 | 688                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                 | 704                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                 | 720                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                 | 736                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                 | 752                              |                         |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                 | 768                              |                         |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][8]                                 | 784                              |                         |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][9]                                 | 800                              |                         |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][10]                                | 816                              |                         |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][11]                                | 832                              |                         |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 10368                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 10496                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 10624                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 10752                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 10880                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 11008                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 11136                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 11264                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 11392                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 11520                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 11648                            |                         |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 11776                            |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                | 3277                             |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                | 4915                             |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                | 6554                             |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                | 8192                             |                         |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                | 9830                             |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                           | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                          | 384                              |                         |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                          | 384<br>1178                      |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                                     | 1178                             |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]<br>t_WIRBIndTbIX_MtrNm_u8p8[2]      | 1229                             |                         |       |
| t_WIRBINdTbIX_MtrNm_u8p8[3]                                     | 1254                             |                         |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                     | 1280                             |                         |       |
|   | Actual Value                     | Expected Value          | Paged |
| Name tot filtCoof Lile T Str b0 Lile f32                        |                                  | Expected Value          | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                               | -0.44143194                      | -0.44143189 ± 0.0000009 |       |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                               | 0.184                            | 0.184 ± 0.0000009       |       |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                               | 0.257431924                      | 0.25743189 ± 0.0000009  |       |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                               | 2.24206972                       | 2.242070137 ± 0.000009  |       |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                               | -7.49469471                      | -7.49469476 ± 0.000009  | •     |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.29 (Repeat Count = 1)                                | Innered Welling        |                          |       |
|--|------------------------|--------------------------|-------|
| Name   | Input Value            |                          |       |
| ADDCoef_MtrNmSpRad_T_f32   | 0.024                  |                          |       |
| VehicleSpeed_Kph_T_f32   | 336.06<br>4.5          |                          |       |
| WIRCmdAmpBlnd_MtrNm_T_f32<br>filtCoef Uls T Str                  | tgt filtCoef Uls T Str |                          |       |
| k InrtCmp MtrInertia KgmSq f32                                   | 0.00041                |                          |       |
| k_inticinp_withetta_kgm5q_i32<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0] | 496                    |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                                  | 512                    |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]                                  | 528                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                  | 544                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                  | 560                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                  | 576                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                  | 592                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                  | 608                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                  | 624                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                  | 640                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                 | 656                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                 | 672                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                  | 1296                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                  | 1312                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                  | 1328                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                  | 1344                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                  | 1360                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                  | 1376                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                  | 1392                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                  | 1408                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                  | 1424                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                  | 1440                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                 | 1456                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                 | 1472                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]  | 5248                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]  | 5376                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]  | 5504                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[3]  | 5632                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]  | 5760                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]  | 5888                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]  | 6016                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]  | 6144                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]  | 6272                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]  | 6400                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]   | 6528                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]   | 6656                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                 | 4915                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                 | 6554                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                 | 8192                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                 | 9830                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                 | 11469                  |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                            | 166                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                            | 179                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                            | 192                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                            | 205                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                            | 218                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                            | 230                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                            | 243                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                            | 256                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                            | 269                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                            | 282                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                           | 294                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                           | 307                    |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                                      | 1434                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                                      | 1459                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                                      | 1485                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]                                      | 1510                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                      | 1536                   |                          |       |
| Name   | Actual Value           | Expected Value           | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                | -0.64859736            | -0.648597291 ± 0.0000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                | 0.192000002            | 0.192 ± 0.0000009        | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                | 0.456597328            | 0.456597291 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                | 1.64794874             | 1.647948707 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                | -6.97389889            | -6.973898945 ± 0.000009  |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                | 7.37815237             | 7.378152348 ± 0.000009   |       |

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| Τ                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.30 (Repeat Count = 1)                                 | Innut Value            |                           |       |
|---|------------------------|---------------------------|-------|
| Name  | Input Value            |                           |       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.025                  |                           |       |
| VehicleSpeed_Kph_T_f32  | 352.05<br>4.9          |                           |       |
| WIRCmdAmpBInd_MtrNm_T_f32<br>filtCoef Uls T Str                   | tgt filtCoef Uls T Str |                           |       |
| k InrtCmp MtrInertia KgmSq f32                                    | 0.00001                |                           |       |
| k_inticinp_withertia_kgm5q_i32<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0] | 816                    |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                                   | 832                    |                           |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]                                   | 848                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                   | 864                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                   | 880                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                   | 896                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                   | 912                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                   | 928                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                   | 944                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                   | 960                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                  | 976                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                  | 992                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                   | 1136                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                   | 1152                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                   | 1168                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                   | 1184                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                   | 1200                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                   | 1216                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                   | 1232                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                   | 1248                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                   | 1264                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                   | 1280                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                  | 1296                   |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                  | 1312                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 3968                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 4096                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 4224                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 4352                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 4480                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 4608                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 4736                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 4864                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 4992                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 5120                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 5248                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 5376                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                  | 6554                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                  | 8192                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                  | 9830                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                  | 11469                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                  | 13107                  |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                             | 38                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                             | 51                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                             | 64                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                             | 77                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                             | 90                     |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                             | 102                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                             | 115                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                             | 128                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                             | 141                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                             | 154                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                            | 166                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                            | 179                    |                           |       |
| t_WIRBIndTblX_MtrNm_u8p8[0]                                       | 1690                   |                           |       |
| t_WIRBIndTblX_MtrNm_u8p8[1]                                       | 1715                   |                           |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]                                       | 1741                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]                                       | 1766                   |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]                                       | 1792                   |                           |       |
| Name  | Actual Value           | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                 | -0.12834549            | -0.128345472 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                 | 0.20000003             | 0.2 ± 0.0000009           | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                 | -0.0716545135          | -0.071654528 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                 | 1.25517929             | 1.255179464 ± 0.000009    | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                 | -6.45242405            | -6.45242444 ± 0.000009    | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                 | 8.29239559             | 8.292396096 ± 0.000009    | •     |

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| Τ                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |  |





| Test Step 1.31 (Repeat Count = 1)                                  |                        |                          |       |
|--|------------------------|--------------------------|-------|
| Name   | Input Value            |                          |       |
| ADDCoef_MtrNmSpRad_T_f32   | 0.026                  |                          |       |
| VehicleSpeed_Kph_T_f32   | 368.01                 |                          |       |
| WIRCmdAmpBind_MtrNm_T_f32  | 7.5                    |                          |       |
| filtCoef_Uls_T_Str   | tgt_filtCoef_UIs_T_Str |                          |       |
| k_InrtCmp_MtrInertia_KgmSq_f32                                     | 0.0005<br>1392         |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                                    | 1392                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][2] | 1424                   |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]                                    | 1440                   |                          |       |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]                                    | 1440                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                    | 1472                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                    | 1488                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                    | 1504                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                    | 1520                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                    | 1536                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                   | 1552                   |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                   | 1568                   |                          |       |
| t2 FDD FreqTblYM Hz u12p4[1][0]                                    | 176                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                    | 192                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                    | 208                    |                          |       |
| t2 FDD FreqTbIYM Hz u12p4[1][3]                                    | 224                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 240                    |                          |       |
| t2 FDD FreqTbIYM Hz u12p4[1][5]                                    | 256                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                    | 272                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                    | 288                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                    | 304                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                    | 320                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                   | 336                    |                          |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                   | 352                    |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                   |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]  | 10240                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                  |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640                  |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                   | 8192                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                   | 9830                   |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                   | 11469                  |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                   | 13107                  |                          |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                   | 14746                  |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                              | 51                     |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                              | 64                     |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                              | 77                     |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                              | 90                     |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                              | 102                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                              | 115                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                              | 128                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                              | 141                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                              | 154                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                              | 166                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                             | 179                    |                          |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                             | 192                    |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1894                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1920                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1946                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1971                   |                          |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1997                   |                          |       |
| Name   | Actual Value           | Expected Value           | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32                                  | -0.44634214            | -0.446342077 ± 0.0000009 | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32                                  | 0.208000004            | 0.208 ± 0.0000009        | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32                                  | 0.238342136            | 0.238342077 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32                                  | 1.7996192              | 1.7996192 ± 0.000009     | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32                                  | -7.13275242            | -7.132752506 ± 0.000009  |       |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32                                  | 7.06762838             | 7.067628294 ± 0.000009   |       |

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| Τ                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |





| Test Step 1.32 (Repeat Count = 1)   |                        |                           |       |
|---|------------------------|---------------------------|-------|
| Name  | Input Value            |                           |       |
| ADDCoef_MtrNmSpRad_T_f32  | 0.027                  |                           |       |
| VehicleSpeed_Kph_T_f32  | 384.02                 |                           |       |
| WIRCmdAmpBInd_MtrNm_T_f32   | 2.5                    |                           |       |
| filtCoef_Uls_T_Str  | tgt_filtCoef_Uls_T_Str |                           |       |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00003<br>496         |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][1]          | 512                    |                           |       |
| t2 FDD FreqTblYM Hz u12p4[0][2]   | 528                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 544                    |                           |       |
| t2 FDD FreqTblYM Hz u12p4[0][4]   | 560                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 576                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 592                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 608                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 624                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 640                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 656                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 672                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 496                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 512                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 528                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 544                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 560                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 576                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 592                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 608<br>624             |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 640                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 656                    |                           |       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][11]        | 672                    |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]   | 2560                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]   | 3840                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]   | 5120                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]   | 6400                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]   | 7680                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]   | 8960                   |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]   | 10240                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]   | 11520                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]   | 12800                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]   | 14080                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]  | 15360                  |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]  | 16640                  |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 3277                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 4915                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 6554                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 8192                   |                           |       |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 9830                   |                           |       |
| t_InrtCmp_ScaleFactorTblY_UIs_u9p7[0]                                       | 179<br>192             |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] | 205                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                       | 218                    |                           |       |
| t InrtCmp ScaleFactorTblY Uls u9p7[4]                                       | 230                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                       | 243                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                       | 256                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                       | 269                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                       | 282                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                       | 294                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                      | 307                    |                           |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                      | 320                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 794                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 819                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 845                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 870                    |                           |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 896                    |                           |       |
| Name  | Actual Value           | Expected Value            | Resul |
| tgt_filtCoef_Uls_T_Str.b0_Uls_f32   | -0.1716436             | -0.171643583 ± 0.0000009  | •     |
| tgt_filtCoef_Uls_T_Str.b1_Uls_f32   | 0.216000006            | 0.216 ± 0.0000009         | •     |
| tgt_filtCoef_Uls_T_Str.b2_Uls_f32   | -0.0443564057          | -0.044356417 ± 0.00000009 | •     |
| tgt_filtCoef_Uls_T_Str.a0_Uls_f32   | 2.16740918             | 2.167409451 ± 0.000009    | •     |
| tgt_filtCoef_Uls_T_Str.a1_Uls_f32   | -7.44288063            | -7.442880571 ± 0.000009   | •     |
| tgt_filtCoef_Uls_T_Str.a2_Uls_f32   | 6.38971043             | 6.389709978 ± 0.000009    |       |

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| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 4     | IntplVarXY_u16_u16Xu16Y_Cnt | 4     | ~      |

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DriverVelCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object DriverVelCalc

#### Instrumentation: Test Object Only

| Statement (C0) Coverage | 100 % |
|-------------------------|-------|
| Branch (C1) Coverage    | 100 % |

#### **Statistics**

| Total Testcases | 1 |          |
|-----------------|---|----------|
| Successful      | 1 | <b>~</b> |
| Failed          | 0 |          |
| Not Executed    | 0 |          |



#### **Module Properties**

| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp  |
|------------------------|---|
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\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)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -\\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -\\$(PROJECTROOT) \NxtrLib\include -\\$(PROJECTROOT)\StdDef\include -\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c   |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include       |

| Comments/Description/       | Specification  |
|-----------------------------|--|
| Name                        | Text   |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c   |
|                             | Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc   |
|                             | Module Design Document Version: 18 Data Dictionary Version: 16   |
|                             | Unit Test Plan Version: 6 Optimization Level: Level 2  |
|                             | Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro  |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994   |
|                             | Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328  |
|                             | Special Test Requirements: Test Date: 09-19-2014   |
|                             | Comments:  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.   |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication. |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".  |
|                             | ***************************************  |

| Attributes            |   |
|-----------------------|---|
| Name                  | Value   |
| Compiler Install Path | \$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5    |
| Float Precision       | 9   |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                      |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                      |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd             |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl |
| Target Install Path   | \$(ProgramFiles)\pls\UDE 3.2  |
| Time Unit             | Cycles  |
| Timer Enabled         | false   |
| Timer Prescale        | 0   |
| Timer Resolution      | 1   |

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DriverVelCalc

| Attributes      |  |
|-----------------|--|
| Name            | Value  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |



# Test Case 1: Boundary Test Specification Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles:

330.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 342.00 Cycles 498.00 Cycles 342.00 Cycles 330.00 Cycles 330.00 Cycles 418.00 Cycles 330.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 342.00 Cycles 418.00 Cycles 342.00 Cycles 398.00 Cycles 330.00 Cycles TS1.14 TS1.15 TS1.15 TS1.16 TS1.17 TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 330.00 Cycles 330.00 Cycles 428.00 Cycles 342.00 Cycles TS1.23 TS1.24 TS1.25 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles
408.00 Cycles
342.00 Cycles TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31 TS1.32 TS1.33 TS1.34 TS1.35 TS1.36 TS1.37 342.00 Cycles 342.00 Cycles 342.00 Cycles TS1.38 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles 342.00 Cycles TS1.39 TS1.40 TS1.41 TS1.42 TS1.43 342.00 Cycles

#### **Description** Test Vector Description

TS1.1 HwTroque\_HwNm\_T\_f32 = min TS1.1 HwTroque\_HwNm\_T\_f32 = min
TS1.2 HwTroque\_HwNm\_T\_f32 = max
TS1.3 HwTroque\_HwNm\_T\_f32 = zero
TS1.4 HwTroque\_HwNm\_T\_f32 = neg
TS1.5 HwTroque\_HwNm\_T\_f32 = neg
TS1.6 CRFMotorVel\_MtrRadpS\_T\_f32 = min
TS1.7 CRFMotorVel\_MtrRadpS\_T\_f32 = max
TS1.8 CRFMotorVel\_MtrRadpS\_T\_f32 = zero
TS1.9 CRFMotorVel\_MtrRadpS\_T\_f32 = neg
TS1.10 CRFMotorVel\_MtrRadpS\_T\_f32 = neg
TS1.11 VehicleSpeed\_Kph\_T\_f32 = min
TS1.12 VehicleSpeed\_Kph\_T\_f32 = max
TS1.13 VehicleSpeed\_Kph\_T\_f32 = pos
TS1.14 PrevTbarAng\_HwDeg\_M\_f32 = min
TS1.15 PrevTbarAng\_HwDeg\_M\_f32 = max TS1.14 PrevTbarAng\_HwDeg\_M\_132 = min
TS1.15 PrevTbarAng\_HwDeg\_M\_523 = max
TS1.16 PrevTbarAng\_HwDeg\_M\_52 = zero
TS1.17 PrevTbarAng\_HwDeg\_M\_52 = neg
TS1.18 PrevTbarAng\_HwDeg\_M\_632 = pos
TS1.19 k\_CmnTbarStiff\_NmpDeg\_632 = min
TS1.20 k\_CmnTbarStiff\_NmpDeg\_632 = mix k\_CmnTbarStiff\_NmpDeg\_f32 = mid k\_CmnSysKinRatio\_MtrDegpHwDeg\_f32 = min k\_CmnSysKinRatio\_MtrDegpHwDeg\_f32 = max TS1.21 TS1 22 TS1.23 k\_CmnSysKinRatio\_MtrDegpHwDeg\_f32 = mid t\_CmnVehSpd\_Kph\_u9p7[12] = min t\_CmnVehSpd\_Kph\_u9p7[12] = max TS1.24 TS1 25 TS1.26 t\_CmnVehSpd\_Kph\_u9p7[12] = max
t\_CmnVehSpd\_Kph\_u9p7[12] = mid
t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_UIs\_u9p7[12] = min
t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_UIs\_u9p7[12] = max
t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_UIs\_u9p7[12] = mid
k\_InrtCmp\_MtrVel\_ScaleFactor\_UIs\_f32 = min
k\_InrtCmp\_MtrVel\_ScaleFactor\_UIs\_f32 = max
k\_InrtCmp\_MtrVel\_ScaleFactor\_UIs\_f32 = mid
TbarVelFiltSv\_M\_str.K = min
TbarVelFiltSv\_M\_str.K = max
TbarVelFiltSv\_M\_str.K = mid
TbarVelFiltSv\_M\_str.K = mid
TbarVelFiltSv\_M\_str.K = mid TS1.27 TS1.28 TS1.29 TS1.31 TS1.32 TS1.33 TS1.34 TS1.35 TS1.36 TS1.37 TbarVelFiltSv\_M\_str.SV = min TbarVelFiltSv\_M\_str.SV = max TbarVelFiltSv\_M\_str.SV = zero TS1 38 TS1.39 TS1.40 TbarVelFiltSv\_M\_str.SV = pos TS1.41 TbarVelFiltSv\_M\_str.SV = neg TS1.42 All min

| Test Step 1.1 (Repeat Count = 1) | ✓           |
|----------------------------------|-------------|
| Name                             | Input Value |
| CRFMotorVel_MtrRadpS_T_f32       | -1118       |

TS1.43 All max

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[1]

 $t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[2]$ 

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[3]

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[4]

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[5]

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[6]

 $t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[7]$ 

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[8]

 $t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[9]$ 

t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[10]

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Input Value HwTorque\_HwNm\_T\_f32 -10 PrevTbarAng\_HwDeg\_M\_f32 -20 TbarVelFiltSv\_M\_str.SV\_Uls\_f32 -6.6667 TbarVelFiltSv\_M\_str.K\_Uls\_f32 0.001255848 VehicleSpeed\_Kph\_T\_f32 0 k\_CmnSysKinRatio\_MtrDegpHwDeg\_f32 k\_CmnTbarStiff\_NmpDeg\_f32 0.5  $k\_InrtCmp\_MtrVel\_ScaleFactor\_Uls\_f32$ 0 t\_CmnVehSpd\_Kph\_u9p7[0] 0 t\_CmnVehSpd\_Kph\_u9p7[1] n t\_CmnVehSpd\_Kph\_u9p7[2] 0 t\_CmnVehSpd\_Kph\_u9p7[3] 0 t\_CmnVehSpd\_Kph\_u9p7[4] 0 0 t\_CmnVehSpd\_Kph\_u9p7[5] t\_CmnVehSpd\_Kph\_u9p7[6] 0 t\_CmnVehSpd\_Kph\_u9p7[7] 0 t\_CmnVehSpd\_Kph\_u9p7[8] 0 t\_CmnVehSpd\_Kph\_u9p7[9] 0 t\_CmnVehSpd\_Kph\_u9p7[10] 0 t\_CmnVehSpd\_Kph\_u9p7[11] 0  $t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[0]$ 0

0

0

0

0

0

0

0

0

0

0

| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 0            |                           |        |
|--|--------------|---------------------------|--------|
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | -0           | 0 ± 0.000009              | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -20          | -20 ± 0.00390625          | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -6.65832758  | -6.658327638 ± 0.00390625 | ~      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| 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 |
| CRFMotorVel_MtrRadpS_T_f32                    | 1118        |
| HwTorque_HwNm_T_f32                           | 10          |
| PrevTbarAng_HwDeg_M_f32                       | 20          |
| TbarVelFiltSv_M_str.SV_Uls_f32                | 6.6667      |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.715390457 |
| VehicleSpeed_Kph_T_f32                        | 511.9921875 |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 100         |
| k_CmnTbarStiff_NmpDeg_f32                     | 10          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 1           |
| t_CmnVehSpd_Kph_u9p7[0]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[1]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[2]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[3]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[4]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[5]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[6]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[7]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[8]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[9]                       | 32640       |
| t_CmnVehSpd_Kph_u9p7[10]                      | 32640       |
| t_CmnVehSpd_Kph_u9p7[11]                      | 32640       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 128         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 128         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 128         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 128         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 128         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 128         |

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| Name   | Input Value  |                           |          |
|--|--------------|---------------------------|----------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 128          |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 128          |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 128          |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 128          |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 128          |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 128          |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | -10740.3115  | -10740.31169 ± 0.09       | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 1            | 1 ± 0.00390625            | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -6794.31201  | -6794.311935 ± 0.00390625 | <b>✓</b> |

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

| Test Step 1.3 (Repeat Count = 1)               |              |                           | ✓      |
|--|--------------|---------------------------|--------|
| Name   | Input Value  |                           |        |
| CRFMotorVel_MtrRadpS_T_f32                     | 100.5        |                           |        |
| HwTorque_HwNm_T_f32                            | -10          |                           |        |
| PrevTbarAng_HwDeg_M_f32                        | -8.33        |                           |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.2587       |                           |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.1258       |                           |        |
| VehicleSpeed_Kph_T_f32                         | 100.02       |                           |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 10.2         |                           |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 1.2          |                           |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.9          |                           |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 128          |                           |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 256          |                           |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 384          |                           |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 512          |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 640          |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 768          |                           |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 896          |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 1024         |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                           |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                           |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 1            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 3            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 4            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 5            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 6            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 8            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 9            |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 10           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 12           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 13           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 14           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 15           |                           |        |
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | 90.4685822   | 90.46858168 ± 0.00009     | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -8.33333302  | -8.333333333 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 0.890704095  | 0.890688873 ± 0.00390625  | ~      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | •        |

| Test Step 1.4 (Repeat Count = 1) | ✓           |
|----------------------------------|-------------|
| Name                             | Input Value |
| CRFMotorVel_MtrRadpS_T_f32       | -100.6      |
| HwTorque_HwNm_T_f32              | 10          |
| PrevTbarAng_HwDeg_M_f32          | 3.9995      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 2.3697      |
| TbarVelFiltSv_M_str.K_Uls_f32    | 0.2365      |

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DriverVelCalc

| Name   | Input Value  |                         |        |
|--|--------------|-------------------------|--------|
| VehicleSpeed Kph T f32                         | 200.03       |                         |        |
| k CmnSysKinRatio MtrDegpHwDeg f32              | 20.3         |                         |        |
| k CmnTbarStiff NmpDeg f32                      | 2.5          |                         |        |
| k InrtCmp MtrVel ScaleFactor Uls f32           | 0.8          |                         |        |
| t CmnVehSpd Kph u9p7[0]                        | 2560         |                         |        |
| t CmnVehSpd Kph u9p7[1]                        | 3840         |                         |        |
| t CmnVehSpd Kph u9p7[2]                        | 5120         |                         |        |
| t CmnVehSpd Kph u9p7[3]                        | 6400         |                         |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                         |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                         |        |
| t CmnVehSpd Kph u9p7[6]                        | 10240        |                         |        |
| t CmnVehSpd Kph u9p7[7]                        | 11520        |                         |        |
| t CmnVehSpd Kph u9p7[8]                        | 12800        |                         |        |
| t CmnVehSpd Kph u9p7[9]                        | 14080        |                         |        |
| t CmnVehSpd Kph u9p7[10]                       | 15360        |                         |        |
| t CmnVehSpd Kph u9p7[11]                       | 16640        |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]  | 3            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]  | 4            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]  | 5            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]  | 6            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]  | 8            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]  | 9            |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]  | 10           |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]  | 12           |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 12           |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]  | 13           |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10] | 15           |                         |        |
|  | 17           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] |              | Form and ad Malico      | D 11   |
| Name   | Actual Value | Expected Value          | Result |
| DriverVelCalc()                                | -80.3920822  | -80.39208153 ± 0.00009  | ~      |
| PrevTbarAng_HwDeg_M_f32                        | 4            | 4 ± 0.00390625          | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.86838663   | 1.86839095 ± 0.00390625 | ~      |

| T                            |       |                             |       | ✓      |
|------------------------------|-------|-----------------------------|-------|--------|
| Actual Function              | Count | Expected Function           | Count | Result |
| Intol\/arXV_u16_u16Xu16V_Cnt | 1     | IntolVarXV_u16_u16Xu16V_Cnt | 1     | -      |

| T (0) (5/D (0) (4)                            |               |
|---|---------------|
| Test Step 1.5 (Repeat Count = 1)              | In and Malara |
| Name  | Input Value   |
| CRFMotorVel_MtrRadpS_T_f32                    | 200.2         |
| HwTorque_HwNm_T_f32                           | 0             |
| PrevTbarAng_HwDeg_M_f32                       | 0.01          |
| TbarVelFiltSv_M_str.SV_Uls_f32                | 3.2145        |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.35874       |
| VehicleSpeed_Kph_T_f32                        | 300.05        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 30.4          |
| k_CmnTbarStiff_NmpDeg_f32                     | 3.4           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0.7           |
| t_CmnVehSpd_Kph_u9p7[0]                       | 6784          |
| t_CmnVehSpd_Kph_u9p7[1]                       | 6912          |
| t_CmnVehSpd_Kph_u9p7[2]                       | 7040          |
| t_CmnVehSpd_Kph_u9p7[3]                       | 7168          |
| t_CmnVehSpd_Kph_u9p7[4]                       | 7296          |
| t_CmnVehSpd_Kph_u9p7[5]                       | 7424          |
| t_CmnVehSpd_Kph_u9p7[6]                       | 7552          |
| t_CmnVehSpd_Kph_u9p7[7]                       | 7680          |
| t_CmnVehSpd_Kph_u9p7[8]                       | 7808          |
| t_CmnVehSpd_Kph_u9p7[9]                       | 7936          |
| t_CmnVehSpd_Kph_u9p7[10]                      | 8064          |
| t_CmnVehSpd_Kph_u9p7[11]                      | 8192          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 5             |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 6             |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 8             |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 9             |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 10            |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 12            |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] | 13            |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] | 14            |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] | 15            |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] | 17            |

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DriverVelCalc

| Name   | Input Value  |                         |          |
|--|--------------|-------------------------|----------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 18           |                         |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 19           |                         |          |
| Name   | Actual Value | Expected Value          | Result   |
| DriverVelCalc()                                | 140.161072   | 140.161078 ± 0.0009     | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 0            | 0 ± 0.00390625          | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 0.267630339  | 0.26763027 ± 0.00390625 | ~        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.6 (Repeat Count = 1)               |              |                           | ✓        |
|--|--------------|---------------------------|----------|
| Name   | Input Value  |                           |          |
| CRFMotorVel_MtrRadpS_T_f32                     | -200.1       |                           |          |
| HwTorque_HwNm_T_f32                            | -5.5         |                           |          |
| PrevTbarAng_HwDeg_M_f32                        | -1.221       |                           |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 4.5623       |                           |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.47856      |                           |          |
| VehicleSpeed_Kph_T_f32                         | 400.06       |                           |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 40.5         |                           |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 4.5          |                           |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.6          |                           |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 128          |                           |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 256          |                           |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 384          |                           |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 512          |                           |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 640          |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 768          |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 896          |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 1024         |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 6            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 8            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 9            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 10           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 12           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 13           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 14           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 15           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 17           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 18           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 19           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 20           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | -119.829559  | -119.8295518 ± 0.0009     | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -1.22222221  | -1.222222222 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 2.08650517   | 2.086512379 ± 0.00390625  | <b>✓</b> |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | _        |

| Test Step 1.7 (Repeat Count = 1)     |             | <b>✓</b> |
|--------------------------------------|-------------|----------|
| Name                                 | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32           | 300.03      |          |
| HwTorque_HwNm_T_f32                  | 5.2         |          |
| PrevTbarAng_HwDeg_M_f32              | 0.92987     |          |
| TbarVelFiltSv_M_str.SV_Uls_f32       | 5.8745      |          |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.58963     |          |
| VehicleSpeed_Kph_T_f32               | 123.07      |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 50.6        |          |
| k_CmnTbarStiff_NmpDeg_f32            | 5.6         |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.5         |          |

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| Name   | Input Value  |                          |        |
|--|--------------|--------------------------|--------|
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                          |        |
|  | 5120         |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 6400         |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 7680         |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 111          |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 8            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 9            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 10           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 12           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 13           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 14           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 15           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 17           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 18           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 19           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 20           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 22           |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                | 150.29483    | 150.2948274 ± 0.0009     | ~      |
| PrevTbarAng_HwDeg_M_f32                        | 0.928571403  | 0.928571429 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 2.02786994   | 2.027880229 ± 0.00390625 | ~      |

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

| Test Step 1.8 (Repeat Count = 1)               |              |                       | <b>✓</b> |
|--|--------------|-----------------------|----------|
| Name   | Input Value  |                       |          |
| CRFMotorVel_MtrRadpS_T_f32                     | -1118        |                       |          |
| HwTorque_HwNm_T_f32                            | 1.6          |                       |          |
| PrevTbarAng_HwDeg_M_f32                        | 0.2461       |                       |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -2.369       |                       |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.63214      |                       |          |
| VehicleSpeed_Kph_T_f32                         | 150.08       |                       |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 60.8         |                       |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 6.5          |                       |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.4          |                       |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 12800        |                       |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 12928        |                       |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 13056        |                       |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 13184        |                       |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 13312        |                       |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 13440        |                       |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 13568        |                       |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 13696        |                       |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 13824        |                       |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 13952        |                       |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 14080        |                       |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 14208        |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 9            |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 10           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 12           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 13           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 14           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 15           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 17           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 18           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 19           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 20           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 22           |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 23           |                       |          |
| Name   | Actual Value | Expected Value        | Result   |
| DriverVelCalc()                                | -447.362946  | -447.3629225 ± 0.0009 | ✓        |

DriverVelCalc



| Name                           | Actual Value | Expected Value            | Result |
|--------------------------------|--------------|---------------------------|--------|
| PrevTbarAng_HwDeg_M_f32        | 0.246153846  | 0.246153846 ± 0.00390625  | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32 | -0.854439139 | -0.854441186 ± 0.00390625 | ~      |

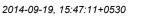
| T                           |       |                             |       |      | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|------|----------|
| Actual Function             | Count | Expected Function           | Count | Resu | ılt      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |      | ~        |

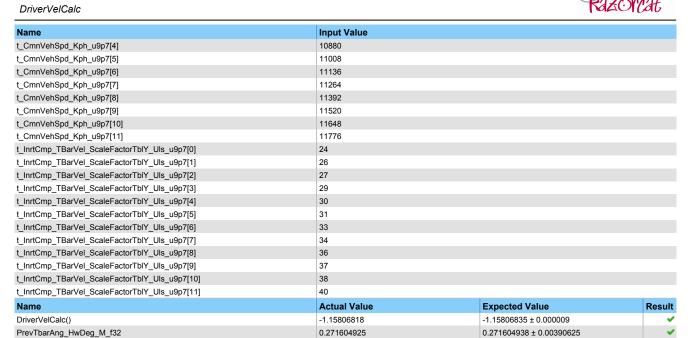
| Test Step 1.9 (Repeat Count = 1)               |              |                           | <b>✓</b> |
|--|--------------|---------------------------|----------|
| Name   | Input Value  |                           |          |
| CRFMotorVel MtrRadpS T f32                     | 1118         |                           |          |
| HwTorque HwNm T f32                            | -1.2         |                           |          |
| PrevTbarAng HwDeg M f32                        | -0.15321     |                           |          |
| TbarVelFiltSv M str.SV Uls f32                 | -3.124       |                           |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.014785     |                           |          |
| VehicleSpeed_Kph_T_f32                         | 16.25        |                           |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 70.1         |                           |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 7.8          |                           |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.3          |                           |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 15488        |                           |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 15616        |                           |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 15744        |                           |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 15872        |                           |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 16000        |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 16128        |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 16256        |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 16384        |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 16512        |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 16640        |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 16768        |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16896        |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 10           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 12           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 13           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 14           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 15           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 17           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 18           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 19           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 20           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 22           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 23           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 24           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | 335.105377   | 335.1053608 ± 0.0009      | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -0.15384616  | -0.153846154 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -3.08251452  | -3.082514427 ± 0.00390625 | ~        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Name                                 | Input Value |  |
|--------------------------------------|-------------|--|
| CRFMotorVel_MtrRadpS_T_f32           | 0           |  |
| HwTorque_HwNm_T_f32                  | 2.2         |  |
| PrevTbarAng_HwDeg_M_f32              | 0.27        |  |
| TbarVelFiltSv_M_str.SV_Uls_f32       | -4.5511     |  |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.025896    |  |
| VehicleSpeed_Kph_T_f32               | 58.63       |  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 80.2        |  |
| k_CmnTbarStiff_NmpDeg_f32            | 8.1         |  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.2         |  |
| t_CmnVehSpd_Kph_u9p7[0]              | 10368       |  |
| t_CmnVehSpd_Kph_u9p7[1]              | 10496       |  |
| t_CmnVehSpd_Kph_u9p7[2]              | 10624       |  |
| t_CmnVehSpd_Kph_u9p7[3]              | 10752       |  |

TbarVelFiltSv\_M\_str.SV\_Uls\_f32





| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

-4.41246414

-4.412463974 ± 0.00390625

| Test Step 1.11 (Repeat Count = 1)              |              |                           | •      |
|--|--------------|---------------------------|--------|
| Name   | Input Value  |                           |        |
| CRFMotorVel MtrRadpS T f32                     | -450         |                           |        |
| HwTorque HwNm T f32                            | -2.7         |                           |        |
| PrevTbarAng_HwDeg_M_f32                        | -0.292       |                           |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -5.7412      |                           |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.03698      |                           |        |
| VehicleSpeed_Kph_T_f32                         | 22.51        |                           |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 90.5         |                           |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 9.2          |                           |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.1          |                           |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 5248         |                           |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 5376         |                           |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5504         |                           |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 5632         |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 5760         |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 5888         |                           |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 6016         |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 6144         |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 6272         |                           |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 6400         |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 6528         |                           |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 6656         |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 33           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 34           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 35           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 36           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 38           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 39           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 40           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 41           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 43           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 44           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 45           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 47           |                           |        |
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | -47.2626114  | -47.26260964 ± 0.00009    | •      |
| PrevTbarAng_HwDeg_M_f32                        | -0.29347828  | -0.293478261 ± 0.00390625 | •      |
| TbarVelFiltSv M str.SV Uls f32                 | -5.55622387  | -5.556223467 ± 0.00390625 | •      |

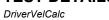


| T                           |       |                             |       | V      |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | -      |

| Name   | Input Value  |                          |       |
|--|--------------|--------------------------|-------|
| CRFMotorVel MtrRadpS T f32                     | 400          |                          |       |
| HwTorque HwNm T f32                            | 3.6          |                          |       |
| PrevTbarAng HwDeg M f32                        | 2.39         |                          |       |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.2587       |                          |       |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.02547      |                          |       |
| VehicleSpeed_Kph_T_f32                         | 33.25        |                          |       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 11.2         |                          |       |
| k_CmnTbarStiff_NmpDeg_f32                      | 1.5          |                          |       |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.9          |                          |       |
| t_CmnVehSpd_Kph_u9p7[0]                        | 3968         |                          |       |
| t_CmnVehSpd_Kph_u9p7[1]                        | 4096         |                          |       |
| t_CmnVehSpd_Kph_u9p7[2]                        | 4224         |                          |       |
| t_CmnVehSpd_Kph_u9p7[3]                        | 4352         |                          |       |
| t_CmnVehSpd_Kph_u9p7[4]                        | 4480         |                          |       |
| t_CmnVehSpd_Kph_u9p7[5]                        | 4608         |                          |       |
| t_CmnVehSpd_Kph_u9p7[6]                        | 4736         |                          |       |
| t_CmnVehSpd_Kph_u9p7[7]                        | 4864         |                          |       |
| t_CmnVehSpd_Kph_u9p7[8]                        | 4992         |                          |       |
| t_CmnVehSpd_Kph_u9p7[9]                        | 5120         |                          |       |
| t_CmnVehSpd_Kph_u9p7[10]                       | 5248         |                          |       |
| t_CmnVehSpd_Kph_u9p7[11]                       | 5376         |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 47           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 48           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 49           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 51           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 52           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 53           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 54           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 56           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 57           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 58           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 60           |                          |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 61           |                          |       |
| Name   | Actual Value | Expected Value           | Resul |
| DriverVelCalc()                                | 360.101318   | 360.1013205 ± 0.0009     | •     |
| PrevTbarAng_HwDeg_M_f32                        | 2.3999986    | 2.4 ± 0.00390625         | •     |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.35398781   | 1.353990911 ± 0.00390625 | •     |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.13 (Repeat Count = 1)    |             | V |
|--------------------------------------|-------------|---|
| Name                                 | Input Value |   |
| CRFMotorVel_MtrRadpS_T_f32           | -300.12     |   |
| HwTorque_HwNm_T_f32                  | -3.1        |   |
| PrevTbarAng_HwDeg_M_f32              | -1.239      |   |
| TbarVelFiltSv_M_str.SV_Uls_f32       | 2.3697      |   |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.02145     |   |
| VehicleSpeed_Kph_T_f32               | 0           |   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 22.3        |   |
| k_CmnTbarStiff_NmpDeg_f32            | 2.5         |   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.8         |   |
| t_CmnVehSpd_Kph_u9p7[0]              | 128         |   |
| t_CmnVehSpd_Kph_u9p7[1]              | 256         |   |
| t_CmnVehSpd_Kph_u9p7[2]              | 384         |   |
| t_CmnVehSpd_Kph_u9p7[3]              | 512         |   |
| t_CmnVehSpd_Kph_u9p7[4]              | 640         |   |
| t_CmnVehSpd_Kph_u9p7[5]              | 768         |   |
| t_CmnVehSpd_Kph_u9p7[6]              | 896         |   |
| t_CmnVehSpd_Kph_u9p7[7]              | 1024        |   |





| Name   | Input Value  |                          |        |
|--|--------------|--------------------------|--------|
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 58           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 59           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 60           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 62           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 63           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 64           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 66           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 67           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 68           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 69           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 71           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 72           |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                | -239.688934  | -239.6889354 ± 0.0009    | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -1.24000001  | -1.24 ± 0.00390625       | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 2.30814433   | 2.308144935 ± 0.00390625 | •      |

| T                           |       |                             |       |     | V        |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>✓</b> |

| Test Step 1.14 (Repeat Count = 1) Name         | Input Value  |                         |       |
|--|--------------|-------------------------|-------|
| 110000   | · ·          |                         |       |
| CRFMotorVel_MtrRadpS_T_f32                     | 699.23       |                         |       |
| HwTorque_HwNm_T_f32                            | 4.2          |                         |       |
| PrevTbarAng_HwDeg_M_f32                        | 1.191        |                         |       |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 3.2145       |                         |       |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.03692      |                         |       |
| VehicleSpeed_Kph_T_f32                         | 511.9921875  |                         |       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 33.5         |                         |       |
| k_CmnTbarStiff_NmpDeg_f32                      | 3.5          |                         |       |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.99         |                         |       |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                         |       |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                         |       |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                         |       |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                         |       |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                         |       |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                         |       |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                         |       |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                         |       |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                         |       |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                         |       |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                         |       |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 72           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 73           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 74           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 76           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 77           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 78           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 80           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 81           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 82           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 83           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 85           |                         |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 86           |                         |       |
| Name   | Actual Value | Expected Value          | Resul |
| DriverVelCalc()                                | 693.519104   | 693.5191138 ± 0.0009    |       |
| PrevTbarAng HwDeg M f32                        | 1.1999993    | 1.2 ± 0.00390625        |       |
| TbarVelFiltSv M str.SV Uls f32                 | 3.26195955   | 3.26196066 ± 0.00390625 |       |

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



| Test Step 1.15 (Repeat Count = 1)              |              |                          | ✓        |
|--|--------------|--------------------------|----------|
| Name   | Input Value  |                          |          |
| CRFMotorVel_MtrRadpS_T_f32                     | -500.45      |                          |          |
| HwTorque_HwNm_T_f32                            | -4.5         |                          |          |
| PrevTbarAng_HwDeg_M_f32                        | -0.997       |                          |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 4.5623       |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.01258      |                          |          |
| VehicleSpeed_Kph_T_f32                         | 55.52        |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 44.4         |                          |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 4.5          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.6          |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 6784         |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 6912         |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 7040         |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 7168         |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7296         |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 7424         |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 7552         |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 7680         |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 7808         |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 7936         |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 8064         |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 8192         |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 86           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 87           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 88           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 89           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 90           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 91           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 92           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 93           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 94           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 95           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 96           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 97           |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | -297.880035  | -297.8800114 ± 0.0009    | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -1           | -1 ± 0.00390625          | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 4.4860363    | 4.486036266 ± 0.00390625 | ~        |

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

| Test Step 1.16 (Repeat Count = 1)             | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| CRFMotorVel_MtrRadpS_T_f32                    | 600.63      |
| HwTorque_HwNm_T_f32                           | -10         |
| PrevTbarAng_HwDeg_M_f32                       | -20         |
| TbarVelFiltSv_M_str.SV_Uls_f32                | 5.8745      |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.03257     |
| VehicleSpeed_Kph_T_f32                        | 17.17       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 55.6        |
| k_CmnTbarStiff_NmpDeg_f32                     | 0.5         |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0.5         |
| t_CmnVehSpd_Kph_u9p7[0]                       | 128         |
| t_CmnVehSpd_Kph_u9p7[1]                       | 256         |
| t_CmnVehSpd_Kph_u9p7[2]                       | 384         |
| t_CmnVehSpd_Kph_u9p7[3]                       | 512         |
| t_CmnVehSpd_Kph_u9p7[4]                       | 640         |
| t_CmnVehSpd_Kph_u9p7[5]                       | 768         |
| t_CmnVehSpd_Kph_u9p7[6]                       | 896         |
| t_CmnVehSpd_Kph_u9p7[7]                       | 1024        |
| t_CmnVehSpd_Kph_u9p7[8]                       | 1152        |
| t_CmnVehSpd_Kph_u9p7[9]                       | 1280        |
| t_CmnVehSpd_Kph_u9p7[10]                      | 1408        |
| t_CmnVehSpd_Kph_u9p7[11]                      | 1536        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 109         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 110         |

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| Name   | Input Value  |                          |        |
|--|--------------|--------------------------|--------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 111          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 113          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 114          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 115          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 116          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 117          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 118          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 119          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 121          |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 122          |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                | 305.571442   | 305.5714494 ± 0.0009     | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -20          | -20 ± 0.00390625         | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 5.68316746   | 5.683167535 ± 0.00390625 | ~      |

| T                           |       |                             |       |     | V        |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>~</b> |

| Test Step 1.17 (Repeat Count = 1)              |              |                           | <b>→</b> |
|--|--------------|---------------------------|----------|
| Name   | Input Value  |                           |          |
| CRFMotorVel_MtrRadpS_T_f32                     | -600.84      |                           |          |
| HwTorque_HwNm_T_f32                            | 10           |                           |          |
| PrevTbarAng_HwDeg_M_f32                        | 20           |                           |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -2.369       |                           |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.096321     |                           |          |
| VehicleSpeed_Kph_T_f32                         | 27.95        |                           |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 66.5         |                           |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 0.5          |                           |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.4          |                           |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                           |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                           |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                           |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                           |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 1            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 3            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 4            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 5            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 6            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 8            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 9            |                           |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]  | 10           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 12           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 13           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 14           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 15           |                           |          |
| Name   | Actual Value | Expected Value            | Resul    |
| DriverVelCalc()                                | -240.374832  | -240.3748238 ± 0.0009     |          |
| PrevTbarAng HwDeg M f32                        | 20           | 20 ± 0.00390625           | •        |
| TbarVelFiltSv M str.SV Uls f32                 | -2.1408155   | -2.140815551 ± 0.00390625 |          |

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

| Test Step 1.18 (Repeat Count = 1) | <b>✓</b>    |
|-----------------------------------|-------------|
| Name                              | Input Value |
| CRFMotorVel_MtrRadpS_T_f32        | 150.14      |

DriverVelCalc



|  | 1 1 10 10   |
|--|-------------|
| Name   | Input Value |
| HwTorque_HwNm_T_f32                            | 0.05        |
| PrevTbarAng_HwDeg_M_f32                        | 0           |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -3.124      |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.047852    |
| VehicleSpeed_Kph_T_f32                         | 37.02       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 77.2        |
| k_CmnTbarStiff_NmpDeg_f32                      | 10          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.3         |
| t_CmnVehSpd_Kph_u9p7[0]                        | 12800       |
| t_CmnVehSpd_Kph_u9p7[1]                        | 12928       |
| t_CmnVehSpd_Kph_u9p7[2]                        | 13056       |
| t_CmnVehSpd_Kph_u9p7[3]                        | 13184       |
| t_CmnVehSpd_Kph_u9p7[4]                        | 13312       |
| t_CmnVehSpd_Kph_u9p7[5]                        | 13440       |
| t_CmnVehSpd_Kph_u9p7[6]                        | 13568       |
| t_CmnVehSpd_Kph_u9p7[7]                        | 13696       |
| t_CmnVehSpd_Kph_u9p7[8]                        | 13824       |
| t_CmnVehSpd_Kph_u9p7[9]                        | 13952       |
| t_CmnVehSpd_Kph_u9p7[10]                       | 14080       |
| t_CmnVehSpd_Kph_u9p7[11]                       | 14208       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 3           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 4           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 5           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 6           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 8           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 9           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 10          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 12          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 13          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 14          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 15          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11] | 17          |

| t_inrtCmp_iBarvei_ScaleFactoriblY_Uis_u9p7[11]   17 |               |                           |          |
|---|---------------|---------------------------|----------|
| Name  | Actual Value  | Expected Value            | Result   |
| DriverVelCalc()                                     | 44.9518433    | 44.95184416 ± 0.00009     | ~        |
| PrevTbarAng_HwDeg_M_f32                             | 0.00499999989 | 0.005 ± 0.00390625        | <b>✓</b> |
| Thar\/alEiltSv M etr SV Llle f32                    | -2 85488033   | -2 854880352 + 0 00390625 | _        |

| T                           |       |                             | <b>✓</b> |        |
|-----------------------------|-------|-----------------------------|----------|--------|
| Actual Function             | Count | Expected Function           | Count    | Result |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1        | ~      |

| Test Step 1.19 (Repeat Count = 1)             |             |  |
|---|-------------|--|
| Name  | Input Value |  |
| CRFMotorVel_MtrRadpS_T_f32                    | -150.62     |  |
| HwTorque_HwNm_T_f32                           | -7.5        |  |
| PrevTbarAng_HwDeg_M_f32                       | -0.889      |  |
| TbarVelFiltSv_M_str.SV_Uls_f32                | -4.5511     |  |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.2356      |  |
| VehicleSpeed_Kph_T_f32                        | 11.03       |  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 88.2        |  |
| k_CmnTbarStiff_NmpDeg_f32                     | 8.5         |  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0.2         |  |
| t_CmnVehSpd_Kph_u9p7[0]                       | 15488       |  |
| t_CmnVehSpd_Kph_u9p7[1]                       | 15616       |  |
| t_CmnVehSpd_Kph_u9p7[2]                       | 15744       |  |
| t_CmnVehSpd_Kph_u9p7[3]                       | 15872       |  |
| t_CmnVehSpd_Kph_u9p7[4]                       | 16000       |  |
| t_CmnVehSpd_Kph_u9p7[5]                       | 16128       |  |
| t_CmnVehSpd_Kph_u9p7[6]                       | 16256       |  |
| t_CmnVehSpd_Kph_u9p7[7]                       | 16384       |  |
| t_CmnVehSpd_Kph_u9p7[8]                       | 16512       |  |
| t_CmnVehSpd_Kph_u9p7[9]                       | 16640       |  |
| t_CmnVehSpd_Kph_u9p7[10]                      | 16768       |  |
| t_CmnVehSpd_Kph_u9p7[11]                      | 16896       |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 5           |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 6           |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 8           |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 9           |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 10          |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 12          |  |

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| Name   | Input Value  |                           |        |
|--|--------------|---------------------------|--------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 13           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 14           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 15           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 17           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 18           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 19           |                           |        |
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | -30.2861042  | -30.28610622 ± 0.00009    | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -0.882352948 | -0.882352941 ± 0.00390625 | •      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -2.69583821  | -2.695837311 ± 0.00390625 | ~      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.20 (Repeat Count = 1)              |              |                           | <b>✓</b> |
|--|--------------|---------------------------|----------|
| Name   | Input Value  |                           |          |
| CRFMotorVel MtrRadpS T f32                     | 250.24       |                           |          |
| HwTorque HwNm T f32                            | 8.2          |                           |          |
| PrevTbarAng HwDeg M f32                        | 0.861        |                           |          |
| TbarVelFiltSv M str.SV Uls f32                 | -5.7412      |                           |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.3479       |                           |          |
| VehicleSpeed_Kph_T_f32                         | 33.04        |                           |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 99.3         |                           |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 9.5          |                           |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.1          |                           |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 10368        |                           |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 10496        |                           |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 10624        |                           |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 10752        |                           |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 10880        |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 11008        |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 11136        |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11264        |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 11392        |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 11520        |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 11648        |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 11776        |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 6            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 8            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 9            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 10           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 12           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 13           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 14           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 15           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 17           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 18           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 19           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 20           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | 24.7503471   | 24.7503467 ± 0.00009      | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 0.863157868  | 0.863157895 ± 0.00390625  | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -3.36847568  | -3.368470731 ± 0.00390625 | •        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | •        |

| Test Step 1.21 (Repeat Count = 1) |             |  |
|-----------------------------------|-------------|--|
| Name                              | Input Value |  |
| CRFMotorVel_MtrRadpS_T_f32        | -250.62     |  |
| HwTorque_HwNm_T_f32               | -8.5        |  |
| PrevTbarAng_HwDeg_M_f32           | -16.997     |  |
| TbarVelFiltSv_M_str.SV_Uls_f32    | 1.2587      |  |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.2244      |  |

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| Name   | Input Value  |                         |        |
|--|--------------|-------------------------|--------|
| VehicleSpeed_Kph_T_f32                         | 44.05        |                         |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 27.2         |                         |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 0.5          |                         |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.9          |                         |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 5248         |                         |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 5376         |                         |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5504         |                         |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 5632         |                         |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 5760         |                         |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 5888         |                         |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 6016         |                         |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 6144         |                         |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 6272         |                         |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 6400         |                         |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 6528         |                         |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 6656         |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 8            |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 9            |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 10           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 12           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 13           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 14           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 15           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 17           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 18           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 19           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 20           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 22           |                         |        |
| Name   | Actual Value | Expected Value          | Result |
| DriverVelCalc()                                | -225.52951   | -225.5295319 ± 0.0009   | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -17          | -17 ± 0.00390625        | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 0.639618635  | 0.63964772 ± 0.00390625 | ~      |

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

| Test Step 1.22 (Repeat Count = 1)             | en e |
|---|--|
| Name  | Input Value                              |
| CRFMotorVel_MtrRadpS_T_f32                    | 350.14                                   |
| HwTorque_HwNm_T_f32                           | 9.2                                      |
| PrevTbarAng_HwDeg_M_f32                       | 0.919                                    |
| TbarVelFiltSv_M_str.SV_Uls_f32                | 2.3697                                   |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.3366                                   |
| VehicleSpeed_Kph_T_f32                        | 376.06                                   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 26.8                                     |
| k_CmnTbarStiff_NmpDeg_f32                     | 10                                       |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 1  |
| t_CmnVehSpd_Kph_u9p7[0]                       | 3968                                     |
| t_CmnVehSpd_Kph_u9p7[1]                       | 4096                                     |
| t_CmnVehSpd_Kph_u9p7[2]                       | 4224                                     |
| t_CmnVehSpd_Kph_u9p7[3]                       | 4352                                     |
| t_CmnVehSpd_Kph_u9p7[4]                       | 4480                                     |
| t_CmnVehSpd_Kph_u9p7[5]                       | 4608                                     |
| t_CmnVehSpd_Kph_u9p7[6]                       | 4736                                     |
| t_CmnVehSpd_Kph_u9p7[7]                       | 4864                                     |
| t_CmnVehSpd_Kph_u9p7[8]                       | 4992                                     |
| t_CmnVehSpd_Kph_u9p7[9]                       | 5120                                     |
| t_CmnVehSpd_Kph_u9p7[10]                      | 5248                                     |
| t_CmnVehSpd_Kph_u9p7[11]                      | 5376                                     |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 9  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 10                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 12                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 13                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 14                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 15                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] | 17                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] | 18                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] | 19                                       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] | 20                                       |





| Name   | Input Value  |                         |        |
|--|--------------|-------------------------|--------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 22           |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 23           |                         |        |
| Name   | Actual Value | Expected Value          | Result |
| DriverVelCalc()                                | 350.286285   | 350.2862746 ± 0.0009    | ~      |
| PrevTbarAng_HwDeg_M_f32                        | 0.919999957  | 0.92 ± 0.00390625       | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.74034667   | 1.74035898 ± 0.00390625 | •      |

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

| Test Step 1.23 (Repeat Count = 1)              |              |                                | ✓      |
|--|--------------|--------------------------------|--------|
| Name   | Input Value  |                                |        |
| CRFMotorVel_MtrRadpS_T_f32                     | -350.36      |                                |        |
| HwTorque_HwNm_T_f32                            | -9.21        |                                |        |
| PrevTbarAng_HwDeg_M_f32                        | -1.841       |                                |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 3.2145       |                                |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.0147850001 |                                |        |
| VehicleSpeed_Kph_T_f32                         | 265.02       |                                |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 53.5         |                                |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 5.25         |                                |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.7          |                                |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 128          |                                |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 256          |                                |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 384          |                                |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 512          |                                |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 640          |                                |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 768          |                                |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 896          |                                |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 1024         |                                |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                                |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                                |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                                |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 10           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 12           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 13           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 14           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 15           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 17           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 18           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 19           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 20           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 22           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 23           |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 24           |                                |        |
| Name   | Actual Value | Expected Value                 | Result |
| DriverVelCalc()                                | -244.585281  | -244.585297                    | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -1.75428569  | -1.75428571428571 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_UIs_f32                 | 3.80800867   | 3.80800891                     | ~      |

| T v                         |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | _      |  |

| Test Step 1.24 (Repeat Count = 1)    |             | <b>✓</b> |
|--------------------------------------|-------------|----------|
| Name                                 | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32           | 450.52      |          |
| HwTorque_HwNm_T_f32                  | 1.5         |          |
| PrevTbarAng_HwDeg_M_f32              | 1.154       |          |
| TbarVelFiltSv_M_str.SV_Uls_f32       | 4.5623      |          |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.5599      |          |
| VehicleSpeed_Kph_T_f32               | 187.06      |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 1           |          |
| k_CmnTbarStiff_NmpDeg_f32            | 1.3         |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.6         |          |

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|  | 1            |                          |        |
|--|--------------|--------------------------|--------|
| Name   | Input Value  |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 24           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 26           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 27           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 29           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 30           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 31           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 33           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 34           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 36           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 37           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 38           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 40           |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                | 270.322723   | 270.3227163 ± 0.0009     | ~      |
| PrevTbarAng_HwDeg_M_f32                        | 1.15384614   | 1.153846154 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.96478438   | 1.964798999 ± 0.00390625 | •      |

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

| Test Step 1.25 (Repeat Count = 1)              |              |                       | ✓      |
|--|--------------|-----------------------|--------|
| Name   | Input Value  |                       |        |
| CRFMotorVel_MtrRadpS_T_f32                     | -450.58      |                       |        |
| HwTorque_HwNm_T_f32                            | -1.5         |                       |        |
| PrevTbarAng_HwDeg_M_f32                        | -0.551       |                       |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 5.8745       |                       |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.1258       |                       |        |
| VehicleSpeed_Kph_T_f32                         | 166.08       |                       |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 100          |                       |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 2.7          |                       |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.5          |                       |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 6784         |                       |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 6912         |                       |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 7040         |                       |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 7168         |                       |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7296         |                       |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 7424         |                       |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 7552         |                       |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 7680         |                       |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 7808         |                       |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 7936         |                       |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 8064         |                       |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 8192         |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 33           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 34           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 35           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 36           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 38           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 39           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 40           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 41           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 43           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 44           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 45           |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 47           |                       |        |
| Name   | Actual Value | Expected Value        | Result |
| DriverVelCalc()                                | -222.18248   | -222.1824911 ± 0.0009 | ~      |





| Name                           | Actual Value | Expected Value           | Result |
|--------------------------------|--------------|--------------------------|--------|
| PrevTbarAng_HwDeg_M_f32        | -0.55555522  | -0.55555556 ± 0.00390625 | ~      |
| TbarVelFiltSv M str.SV Uls f32 | 4.84894514   | 4.848943456 ± 0.00390625 | •      |

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

| Test Step 1.26 (Repeat Count = 1) | 🗸           |
|-----------------------------------|-------------|
| Name                              | Input Value |
| CRFMotorVel_MtrRadpS_T_f32        | -689.69     |
| HwTor5 ted Function               |             |





| Name   | Input Value  |                           |          |
|--|--------------|---------------------------|----------|
| t_CmnVehSpd_Kph_u9p7[4]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 0            |                           |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 0            |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 58           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 59           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 60           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 62           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 63           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 64           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 66           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 67           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 68           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 69           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 71           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 72           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | -35.2845802  | -35.2845812 ± 0.00009     | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -0.520833313 | -0.520833333 ± 0.00390625 | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -2.51150656  | -2.51151124 ± 0.00390625  | <b>✓</b> |

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

| Test Step 1.28 (Repeat Count = 1)              |              |                          | <b>~</b> |
|--|--------------|--------------------------|----------|
| Name   | Input Value  |                          |          |
| CRFMotorVel MtrRadpS T f32                     | 222.62       |                          |          |
| HwTorque HwNm T f32                            | 3.5          |                          |          |
| PrevTbarAng_HwDeg_M_f32                        | 0.671        |                          |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -4.5511      |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.47856      |                          |          |
| VehicleSpeed_Kph_T_f32                         | 510.03       |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 46.2         |                          |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 5.2          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.2          |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 32640        |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 32640        |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 72           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 73           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 74           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 76           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 77           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 78           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 80           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 81           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 82           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 83           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 85           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 86           |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | 43.5075684   | 43.50756976 ± 0.00009    | -        |
| PrevTbarAng_HwDeg_M_f32                        | 0.673076928  | 0.673076923 ± 0.00390625 | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -1.87615919  | -1.87615943 ± 0.00390625 | -        |



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

| Test Step 1.29 (Repeat Count = 1)              |              |                           |        |
|--|--------------|---------------------------|--------|
| Name   | Input Value  |                           |        |
| CRFMotorVel_MtrRadpS_T_f32                     | -222.15      |                           |        |
| HwTorque_HwNm_T_f32                            | -3.5         |                           |        |
| PrevTbarAng_HwDeg_M_f32                        | -0.5134      |                           |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -5.7412      |                           |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.58963      |                           |        |
| VehicleSpeed_Kph_T_f32                         | 467.08       |                           |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 28.1         |                           |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 6.8          |                           |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.1          |                           |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                           |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                           |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                           |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                           |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                           |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                           |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 86           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 87           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 88           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 89           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 90           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 91           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]  | 92           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]  | 93           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 94           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 95           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10] | 96           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 97           |                           |        |
| Name   | Actual Value | Expected Value            | Resul  |
| DriverVelCalc()                                | -23.2337227  | -23.23372292 ± 0.00009    | 110001 |
| PrevTbarAng HwDeg M f32                        | -0.514705896 | -0.514705882 ± 0.00390625 |        |
| TbarVelFiltSv M str.SV Uls f32                 | -2.74100852  | -2.74100995 ± 0.00390625  |        |

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

| Test Step 1.30 (Repeat Count = 1)    |             | <b>✓</b> |
|--------------------------------------|-------------|----------|
| Name                                 | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32           | 333.17      |          |
| HwTorque_HwNm_T_f32                  | 4.5         |          |
| PrevTbarAng_HwDeg_M_f32              | 0.614       |          |
| TbarVelFiltSv_M_str.SV_Uls_f32       | 1.2587      |          |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.63214     |          |
| VehicleSpeed_Kph_T_f32               | 166.92      |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 85.6        |          |
| k_CmnTbarStiff_NmpDeg_f32            | 7.3         |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.4         |          |
| t_CmnVehSpd_Kph_u9p7[0]              | 128         |          |
| t_CmnVehSpd_Kph_u9p7[1]              | 256         |          |
| t_CmnVehSpd_Kph_u9p7[2]              | 384         |          |
| t_CmnVehSpd_Kph_u9p7[3]              | 512         |          |
| t_CmnVehSpd_Kph_u9p7[4]              | 640         |          |
| t_CmnVehSpd_Kph_u9p7[5]              | 768         |          |
| t_CmnVehSpd_Kph_u9p7[6]              | 896         |          |
| t_CmnVehSpd_Kph_u9p7[7]              | 1024        |          |

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| Name   | Input Value  |                          |        |
|--|--------------|--------------------------|--------|
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 0            |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 0            |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                | 133.268005   | 133.268 ± 0.0009         | ~      |
| PrevTbarAng_HwDeg_M_f32                        | 0.616438329  | 0.616438356 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 1.23370099   | 1.233716615 ± 0.00390625 | ~      |

| Т                           |       |                             |       |     |          |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>✓</b> |

| Name   | Input Value  |                           |       |
|--|--------------|---------------------------|-------|
| CRFMotorVel MtrRadpS T f32                     | -333.62      |                           |       |
| HwTorque HwNm T f32                            | -4.5         |                           |       |
| PrevTbarAng HwDeg M f32                        | -0.917       |                           |       |
| TbarVelFiltSv M str.SV Uls f32                 | 2.3697       |                           |       |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.014785     |                           |       |
| VehicleSpeed Kph T f32                         | 10.05        |                           |       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 36.8         |                           |       |
| k_CmnTbarStiff_NmpDeg_f32                      | 4.9          |                           |       |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.6          |                           |       |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                           |       |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                           |       |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                           |       |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                           |       |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                           |       |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                           |       |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                           |       |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                           |       |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                           |       |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                           |       |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                           |       |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 128          |                           |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 128          |                           |       |
| Name   | Actual Value | Expected Value            | Resul |
| DriverVelCalc()                                | -198.679001  | -198.6789815 ± 0.0009     |       |
| PrevTbarAng_HwDeg_M_f32                        | -0.918367326 | -0.918367347 ± 0.00390625 |       |
| TbarVelFiltSv M str.SV Uls f32                 | 2.32455587   | 2.324555873 ± 0.00390625  |       |

| Name                           | Actual value | Expected value            | Result |
|--------------------------------|--------------|---------------------------|--------|
| DriverVelCalc()                | -198.679001  | -198.6789815 ± 0.0009     | ~      |
| PrevTbarAng_HwDeg_M_f32        | -0.918367326 | -0.918367347 ± 0.00390625 | •      |
| TbarVelFiltSv_M_str.SV_Uls_f32 | 2.32455587   | 2.324555873 ± 0.00390625  | ~      |
|                                |              |                           |        |

| T                           |       |                             |       |        |  |
|-----------------------------|-------|-----------------------------|-------|--------|--|
| Actual Function             | Count | Expected Function           | Count | Result |  |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | •      |  |



| Test Step 1.32 (Repeat Count = 1)              |              |                          | <b>✓</b> |
|--|--------------|--------------------------|----------|
| Name   | Input Value  |                          |          |
| CRFMotorVel_MtrRadpS_T_f32                     | 444.52       |                          |          |
| HwTorque HwNm T f32                            | 5.5          |                          |          |
| PrevTbarAng_HwDeg_M_f32                        | 1.056        |                          |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 3.2145       |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.1258       |                          |          |
| VehicleSpeed_Kph_T_f32                         | 377.06       |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 85.5         |                          |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 5.2          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.9          |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 6784         |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 6912         |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 7040         |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 7168         |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7296         |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 7424         |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 7552         |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 7680         |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 7808         |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 7936         |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 8064         |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 8192         |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 58           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 59           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 60           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 62           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 63           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 64           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 66           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 67           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 68           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 69           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 71           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 72           |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | 402.516144   | 402.5161456 ± 0.0009     | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 1.05769229   | 1.057692308 ± 0.00390625 | <b>~</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 2.91656113   | 2.916562054 ± 0.00390625 |          |

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

| Test Step 1.33 (Repeat Count = 1)             | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| CRFMotorVel_MtrRadpS_T_f32                    | -699.63     |
| HwTorque_HwNm_T_f32                           | -5.5        |
| PrevTbarAng_HwDeg_M_f32                       | -0.89       |
| TbarVelFiltSv_M_str.SV_Uls_f32                | 4.5623      |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.2365      |
| VehicleSpeed_Kph_T_f32                        | 38.17       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 29.2        |
| k_CmnTbarStiff_NmpDeg_f32                     | 6.1         |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0           |
| t_CmnVehSpd_Kph_u9p7[0]                       | 128         |
| t_CmnVehSpd_Kph_u9p7[1]                       | 256         |
| t_CmnVehSpd_Kph_u9p7[2]                       | 384         |
| t_CmnVehSpd_Kph_u9p7[3]                       | 512         |
| t_CmnVehSpd_Kph_u9p7[4]                       | 640         |
| t_CmnVehSpd_Kph_u9p7[5]                       | 768         |
| t_CmnVehSpd_Kph_u9p7[6]                       | 896         |
| t_CmnVehSpd_Kph_u9p7[7]                       | 1024        |
| t_CmnVehSpd_Kph_u9p7[8]                       | 1152        |
| t_CmnVehSpd_Kph_u9p7[9]                       | 1280        |
| t_CmnVehSpd_Kph_u9p7[10]                      | 1408        |
| t_CmnVehSpd_Kph_u9p7[11]                      | 1536        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 86          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 87          |

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| Name   | Input Value  |                           |          |
|--|--------------|---------------------------|----------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 88           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 89           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 90           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 91           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 92           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 93           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 94           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 95           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 96           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 97           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | 0.81372714   | 0.813727562 ± 0.0000009   | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -0.901639342 | -0.901639344 ± 0.00390625 | ~        |
| TbarVelFiltSv M str.SV Uls f32                 | 2.10696244   | 2.106963591 ± 0.00390625  | <b>✓</b> |

| T                           |       |                             |       |     | V        |
|-----------------------------|-------|-----------------------------|-------|-----|----------|
| Actual Function             | Count | Expected Function           | Count | Res | ult      |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     |     | <b>~</b> |

| Name   | Input Value  |                          |          |
|--|--------------|--------------------------|----------|
| CRFMotorVel MtrRadpS T f32                     | 555.74       |                          |          |
| HwTorque HwNm T f32                            | 6.5          |                          |          |
| PrevTbarAng HwDeg M f32                        | 0.83         |                          |          |
| TbarVelFiltSv M str.SV Uls f32                 | 5.8745       |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.35874      |                          |          |
| VehicleSpeed Kph T f32                         | 1.18         |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 56.5         |                          |          |
| k CmnTbarStiff NmpDeg f32                      | 7.8          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 1            |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5120         |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 109          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 110          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 111          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 113          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 114          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 115          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 116          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 117          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 118          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 119          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 121          |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 122          |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | 559.405396   | 559.4054289 ± 0.0009     | -        |
| PrevTbarAng_HwDeg_M_f32                        | 0.833333313  | 0.833333333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv M str.SV Uls f32                 | 4.36498117   | 4.36498187 ± 0.00390625  | -        |

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

| Test Step 1.35 (Repeat Count = 1) | <b>✓</b>    |
|-----------------------------------|-------------|
| Name                              | Input Value |
| CRFMotorVel_MtrRadpS_T_f32        | -555.81     |

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-1.984843167 ± 0.00390625

DriverVelCalc

PrevTbarAng\_HwDeg\_M\_f32 TbarVelFiltSv\_M\_str.SV\_Uls\_f32

| Name   | Input Value  |                          |        |
|--|--------------|--------------------------|--------|
| HwTorque_HwNm_T_f32                              | -6.5         |                          |        |
| PrevTbarAng_HwDeg_M_f32                          | -0.78        |                          |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                   | -2.369       |                          |        |
| TbarVelFiltSv_M_str.K_Uls_f32                    | 0.47856      |                          |        |
| VehicleSpeed_Kph_T_f32                           | 276.19       |                          |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                | 12.3         |                          |        |
| k_CmnTbarStiff_NmpDeg_f32                        | 8.3          |                          |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32             | 0.5          |                          |        |
| t_CmnVehSpd_Kph_u9p7[0]                          | 12800        |                          |        |
| t_CmnVehSpd_Kph_u9p7[1]                          | 12928        |                          |        |
| t_CmnVehSpd_Kph_u9p7[2]                          | 13056        |                          |        |
| t_CmnVehSpd_Kph_u9p7[3]                          | 13184        |                          |        |
| t_CmnVehSpd_Kph_u9p7[4]                          | 13312        |                          |        |
| t_CmnVehSpd_Kph_u9p7[5]                          | 13440        |                          |        |
| t_CmnVehSpd_Kph_u9p7[6]                          | 13568        |                          |        |
| t_CmnVehSpd_Kph_u9p7[7]                          | 13696        |                          |        |
| t_CmnVehSpd_Kph_u9p7[8]                          | 13824        |                          |        |
| t_CmnVehSpd_Kph_u9p7[9]                          | 13952        |                          |        |
| t_CmnVehSpd_Kph_u9p7[10]                         | 14080        |                          |        |
| t_CmnVehSpd_Kph_u9p7[11]                         | 14208        |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]    | 33           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]    | 34           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]    | 35           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]    | 36           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]    | 38           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]    | 39           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]    | 40           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]    | 41           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]    | 43           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]    | 44           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 45           |                          |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 47           |                          |        |
| Name   | Actual Value | Expected Value           | Result |
| DriverVelCalc()                                  | -278.061462  | -278.0614576 ± 0.0009    | ~      |
| PrevTbarAng_HwDeg_M_f32                          | -0.783132493 | -0.78313253 ± 0.00390625 | •      |
| Th = 2 (-15:150) . M = 4= 0\( ( \)         = 600 | 4.00404444   | 4 004040407 + 0 00000005 |        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     |          |

-1.98484111

| Test Step 1.36 (Repeat Count = 1)             | <b>✓</b>    |
|---|-------------|
| Name  | Input Value |
| CRFMotorVel_MtrRadpS_T_f32                    | 666.86      |
| HwTorque_HwNm_T_f32                           | 7.5         |
| PrevTbarAng_HwDeg_M_f32                       | 0.799       |
| TbarVelFiltSv_M_str.SV_Uls_f32                | -3.124      |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.001255848 |
| VehicleSpeed_Kph_T_f32                        | 354.2       |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 64.4        |
| k_CmnTbarStiff_NmpDeg_f32                     | 9.3         |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0.5         |
| t_CmnVehSpd_Kph_u9p7[0]                       | 15488       |
| t_CmnVehSpd_Kph_u9p7[1]                       | 15616       |
| t_CmnVehSpd_Kph_u9p7[2]                       | 15744       |
| t_CmnVehSpd_Kph_u9p7[3]                       | 15872       |
| t_CmnVehSpd_Kph_u9p7[4]                       | 16000       |
| t_CmnVehSpd_Kph_u9p7[5]                       | 16128       |
| t_CmnVehSpd_Kph_u9p7[6]                       | 16256       |
| t_CmnVehSpd_Kph_u9p7[7]                       | 16384       |
| t_CmnVehSpd_Kph_u9p7[8]                       | 16512       |
| t_CmnVehSpd_Kph_u9p7[9]                       | 16640       |
| t_CmnVehSpd_Kph_u9p7[10]                      | 16768       |
| t_CmnVehSpd_Kph_u9p7[11]                      | 16896       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 47          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 48          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 49          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 51          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 52          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 53          |

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| Name   | Input Value  |                           |          |
|--|--------------|---------------------------|----------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 54           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 56           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 57           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 58           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 60           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 61           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | 331.76123    | 331.7612295 ± 0.0009      | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 0.806451619  | 0.806451613 ± 0.00390625  | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -3.11539769  | -3.115397684 ± 0.00390625 | <b>✓</b> |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.37 (Repeat Count = 1)              |              |                          | <b>✓</b> |
|--|--------------|--------------------------|----------|
| Name   | Input Value  |                          |          |
| CRFMotorVel MtrRadpS T f32                     | -666.71      |                          |          |
| HwTorque HwNm T f32                            | -7.5         |                          |          |
| PrevTbarAng HwDeg M f32                        | -6.249       |                          |          |
| TbarVelFiltSv M str.SV Uls f32                 | -4.5511      |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.715390457  |                          |          |
| VehicleSpeed_Kph_T_f32                         | 254.52       |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 27.2         |                          |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 1.2          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.4          |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 10368        |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 10496        |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 10624        |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 10752        |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 10880        |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 11008        |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 11136        |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11264        |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 11392        |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 11520        |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 11648        |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 11776        |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 58           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 59           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 60           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 62           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 63           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 64           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 66           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 67           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 68           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 69           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 71           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 72           |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | -267.125366  | -267.1254046 ± 0.0009    | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -6.24999952  | -6.25 ± 0.00390625       | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -1.6527853   | -1.65298172 ± 0.00390625 | •        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     | •        |

| Test Step 1.38 (Repeat Count = 1) |             |
|-----------------------------------|-------------|
| Name                              | Input Value |
| CRFMotorVel_MtrRadpS_T_f32        | 134.52      |
| HwTorque_HwNm_T_f32               | 8.5         |
| PrevTbarAng_HwDeg_M_f32           | 3.86        |
| TbarVelFiltSv_M_str.SV_Uls_f32    | -5.7412     |
| TbarVelFiltSv_M_str.K_Uls_f32     | 0.58746     |

DriverVelCalc

DriverVelCalc()

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| Driver vercaic                                 |              | ( dec)         | GUIU   |
|--|--------------|----------------|--------|
| Name   | Input Value  |                |        |
| VehicleSpeed_Kph_T_f32                         | 154.63       |                |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 75.1         |                |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 2.2          |                |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.3          |                |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 5248         |                |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 5376         |                |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 5504         |                |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 5632         |                |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 5760         |                |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 5888         |                |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 6016         |                |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 6144         |                |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 6272         |                |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 6400         |                |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 6528         |                |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 6656         |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 24           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 26           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 27           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 29           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 30           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 31           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 33           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 34           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 36           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 37           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 38           |                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 40           |                |        |
| Name   | Actual Value | Expected Value | Result |

| PrevTbarAng_HwDeg_M_f32        |       | 3.86363626        | 3.863636364 ± 0.00390625  |       |                 |
|--------------------------------|-------|-------------------|---------------------------|-------|-----------------|
| TbarVelFiltSv_M_str.SV_Uls_f32 |       | -1.30036688       | -1.300365557 ± 0.00390625 |       |                 |
|                                |       |                   |                           |       |                 |
|                                |       |                   |                           |       |                 |
| Τ                              |       |                   |                           |       | <b>✓</b>        |
| T Actual Function              | Count | Expected Function |                           | Count | <b>✓</b> Result |

39.8233643

39.8233612 ± 0.00009

| Test Step 1.39 (Repeat Count = 1)             |             | ~ |
|---|-------------|---|
| Name  | Input Value |   |
| CRFMotorVel_MtrRadpS_T_f32                    | -463.91     |   |
| HwTorque_HwNm_T_f32                           | -8.5        |   |
| PrevTbarAng_HwDeg_M_f32                       | -2.35       |   |
| TbarVelFiltSv_M_str.SV_Uls_f32                | -6.6667     |   |
| TbarVelFiltSv_M_str.K_Uls_f32                 | 0.35874     |   |
| VehicleSpeed_Kph_T_f32                        | 55.24       |   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32             | 20.6        |   |
| k_CmnTbarStiff_NmpDeg_f32                     | 3.6         |   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32          | 0.2         |   |
| t_CmnVehSpd_Kph_u9p7[0]                       | 3968        |   |
| t_CmnVehSpd_Kph_u9p7[1]                       | 4096        |   |
| t_CmnVehSpd_Kph_u9p7[2]                       | 4224        |   |
| t_CmnVehSpd_Kph_u9p7[3]                       | 4352        |   |
| t_CmnVehSpd_Kph_u9p7[4]                       | 4480        |   |
| t_CmnVehSpd_Kph_u9p7[5]                       | 4608        |   |
| t_CmnVehSpd_Kph_u9p7[6]                       | 4736        |   |
| t_CmnVehSpd_Kph_u9p7[7]                       | 4864        |   |
| t_CmnVehSpd_Kph_u9p7[8]                       | 4992        |   |
| t_CmnVehSpd_Kph_u9p7[9]                       | 5120        |   |
| t_CmnVehSpd_Kph_u9p7[10]                      | 5248        |   |
| t_CmnVehSpd_Kph_u9p7[11]                      | 5376        |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] | 33          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] | 34          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] | 35          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] | 36          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] | 38          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] | 39          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] | 40          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] | 41          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] | 43          |   |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] | 44          |   |

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| Name   | Input Value  |                           |          |
|--|--------------|---------------------------|----------|
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 45           |                           |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 47           |                           |          |
| Name   | Actual Value | Expected Value            | Result   |
| DriverVelCalc()                                | -93.6095047  | -93.60949919 ± 0.00009    | ~        |
| PrevTbarAng_HwDeg_M_f32                        | -2.36111116  | -2.361111111 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -6.26811457  | -6.268088042 ± 0.00390625 | ~        |

| Т                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.40 (Repeat Count = 1)              |              |                          | ✓        |
|--|--------------|--------------------------|----------|
| Name   | Input Value  |                          |          |
| CRFMotorVel_MtrRadpS_T_f32                     | 263.42       |                          |          |
| HwTorque_HwNm_T_f32                            | 9.5          |                          |          |
| PrevTbarAng_HwDeg_M_f32                        | 2.25         |                          |          |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 6.6667       |                          |          |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.2874       |                          |          |
| VehicleSpeed_Kph_T_f32                         | 444.52       |                          |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 21.7         |                          |          |
| k_CmnTbarStiff_NmpDeg_f32                      | 4.2          |                          |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.1          |                          |          |
| t_CmnVehSpd_Kph_u9p7[0]                        | 128          |                          |          |
| t_CmnVehSpd_Kph_u9p7[1]                        | 256          |                          |          |
| t_CmnVehSpd_Kph_u9p7[2]                        | 384          |                          |          |
| t_CmnVehSpd_Kph_u9p7[3]                        | 512          |                          |          |
| t_CmnVehSpd_Kph_u9p7[4]                        | 640          |                          |          |
| t_CmnVehSpd_Kph_u9p7[5]                        | 768          |                          |          |
| t_CmnVehSpd_Kph_u9p7[6]                        | 896          |                          |          |
| t_CmnVehSpd_Kph_u9p7[7]                        | 1024         |                          |          |
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                          |          |
| t_CmnVehSpd_Kph_u9p7[9]                        | 1280         |                          |          |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                          |          |
| t_CmnVehSpd_Kph_u9p7[11]                       | 1536         |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 47           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 48           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 49           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 51           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 52           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 53           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 54           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 56           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 57           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 58           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 60           |                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 61           |                          |          |
| Name   | Actual Value | Expected Value           | Result   |
| DriverVelCalc()                                | 27.5082359   | 27.50822923 ± 0.00009    | ~        |
| PrevTbarAng_HwDeg_M_f32                        | 2.26190495   | 2.261904762 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 6.46143246   | 6.461404706 ± 0.00390625 | <b>✓</b> |

| Τ                           |       |                             |       |        |
|-----------------------------|-------|-----------------------------|-------|--------|
| Actual Function             | Count | Expected Function           | Count | Result |
| IntplVarXY u16 u16Xu16Y Cnt | 1     | IntplVarXY u16 u16Xu16Y Cnt | 1     |        |

| Test Step 1.41 (Repeat Count = 1)    |             | <b>✓</b> |
|--------------------------------------|-------------|----------|
| Name                                 | Input Value |          |
| CRFMotorVel_MtrRadpS_T_f32           | -522.63     |          |
| HwTorque_HwNm_T_f32                  | -9.5        |          |
| PrevTbarAng_HwDeg_M_f32              | -1.819      |          |
| TbarVelFiltSv_M_str.SV_Uls_f32       | 0           |          |
| TbarVelFiltSv_M_str.K_Uls_f32        | 0.025479    |          |
| VehicleSpeed_Kph_T_f32               | 333.62      |          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32    | 45.8        |          |
| k_CmnTbarStiff_NmpDeg_f32            | 5.2         |          |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 | 0.9         |          |

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| Name   | Input Value  |                           |        |
|--|--------------|---------------------------|--------|
| t_CmnVehSpd_Kph_u9p7[0]                        | 2560         |                           |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 3840         |                           |        |
| t CmnVehSpd Kph u9p7[2]                        | 5120         |                           |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 6400         |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7680         |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 8960         |                           |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 10240        |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 11520        |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 12800        |                           |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 14080        |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 15360        |                           |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 16640        |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 10           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 12           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 13           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 14           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 15           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 17           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 18           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 19           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 20           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 22           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 23           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 24           |                           |        |
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | -470.382141  | -470.3821283 ± 0.0009     | ~      |
| PrevTbarAng_HwDeg_M_f32                        | -1.82692313  | -1.826923077 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | -0.100936659 | -0.100936038 ± 0.00390625 | ✓      |

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

| Test Step 1.42 (Repeat Count = 1)              |              |                      | ✓      |
|--|--------------|----------------------|--------|
| Name   | Input Value  |                      |        |
| CRFMotorVel_MtrRadpS_T_f32                     | 357.25       |                      |        |
| HwTorque_HwNm_T_f32                            | 1.563        |                      |        |
| PrevTbarAng_HwDeg_M_f32                        | 0.251        |                      |        |
| TbarVelFiltSv_M_str.SV_Uls_f32                 | 5.6987       |                      |        |
| TbarVelFiltSv_M_str.K_Uls_f32                  | 0.03698      |                      |        |
| VehicleSpeed_Kph_T_f32                         | 222.42       |                      |        |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32              | 76.9         |                      |        |
| k_CmnTbarStiff_NmpDeg_f32                      | 6.2          |                      |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.8          |                      |        |
| t_CmnVehSpd_Kph_u9p7[0]                        | 6784         |                      |        |
| t_CmnVehSpd_Kph_u9p7[1]                        | 6912         |                      |        |
| t_CmnVehSpd_Kph_u9p7[2]                        | 7040         |                      |        |
| t_CmnVehSpd_Kph_u9p7[3]                        | 7168         |                      |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 7296         |                      |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 7424         |                      |        |
| t_CmnVehSpd_Kph_u9p7[6]                        | 7552         |                      |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 7680         |                      |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 7808         |                      |        |
| t_CmnVehSpd_Kph_u9p7[9]                        | 7936         |                      |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 8064         |                      |        |
| t_CmnVehSpd_Kph_u9p7[11]                       | 8192         |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 24           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 26           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 27           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 29           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 30           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 31           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 33           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 34           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 36           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 37           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 38           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 40           |                      |        |
| Name   | Actual Value | Expected Value       | Result |
| DriverVelCalc()                                | 288.110321   | 288.1102911 ± 0.0009 | ~      |

DriverVelCalc



| Name                           | Actual Value | Expected Value           | Result |
|--------------------------------|--------------|--------------------------|--------|
| PrevTbarAng_HwDeg_M_f32        | 0.252096772  | 0.252096774 ± 0.00390625 | ~      |
| TbarVelFiltSv_M_str.SV_Uls_f32 | 5.50824165   | 5.508241429 ± 0.00390625 | ~      |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

| Test Step 1.43 (Repeat Count = 1) Name         | Input Value  |                           |        |
|--|--------------|---------------------------|--------|
| CRFMotorVel MtrRadpS T f32                     | -464.25      |                           |        |
| HwTorque HwNm T f32                            | -2.645       |                           |        |
| PrevTbarAng HwDeg M f32                        | -0.3525      |                           |        |
| TbarVelFiltSv M str.SV Uls f32                 | -5.1423      |                           |        |
| TbarVelFiltSv M str.K Uls f32                  | 0.024588     |                           |        |
| VehicleSpeed_Kph_T_f32                         | 111.52       |                           |        |
| k CmnSysKinRatio MtrDegpHwDeg f32              | 42.5         |                           |        |
| k CmnTbarStiff NmpDeg f32                      | 7.5          |                           |        |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.7          |                           |        |
| t CmnVehSpd Kph u9p7[0]                        | 128          |                           |        |
| t CmnVehSpd Kph u9p7[1]                        | 256          |                           |        |
| t CmnVehSpd Kph u9p7[2]                        | 384          |                           |        |
| t CmnVehSpd Kph u9p7[3]                        | 512          |                           |        |
| t_CmnVehSpd_Kph_u9p7[4]                        | 640          |                           |        |
| t_CmnVehSpd_Kph_u9p7[5]                        | 768          |                           |        |
| t CmnVehSpd Kph u9p7[6]                        | 896          |                           |        |
| t_CmnVehSpd_Kph_u9p7[7]                        | 1024         |                           |        |
| t_CmnVehSpd_Kph_u9p7[8]                        | 1152         |                           |        |
| t CmnVehSpd Kph u9p7[9]                        | 1280         |                           |        |
| t_CmnVehSpd_Kph_u9p7[10]                       | 1408         |                           |        |
| t CmnVehSpd Kph u9p7[11]                       | 1536         |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]  | 33           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 34           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]  | 35           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]  | 36           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]  | 38           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]  | 39           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 40           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]  | 41           |                           |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 43           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 44           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] | 45           |                           |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 47           |                           |        |
| Name   | Actual Value | Expected Value            | Result |
| DriverVelCalc()                                | -326.341705  | -326.3417122 ± 0.0009     |        |
| PrevTbarAng HwDeg M f32                        | -0.352666676 | -0.352666667 ± 0.00390625 |        |
| TbarVelFiltSv M str.SV Uls f32                 | -5.01791048  | -5.017910128 ± 0.00390625 |        |

| T                           |       |                             |       | <b>✓</b> |
|-----------------------------|-------|-----------------------------|-------|----------|
| Actual Function             | Count | Expected Function           | Count | Result   |
| IntplVarXY_u16_u16Xu16Y_Cnt | 1     | IntplVarXY_u16_u16Xu16Y_Cnt | 1     | ~        |

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FrqDepDmpnInrtCmp\_Per1

 Project
 FDD\_Inertia

 Module
 FDD\_Inertia\_FLTINJ

 Test Object
 FrqDepDmpnInrtCmp\_Per1

### Instrumentation: Test Object Only

| Statement (C0) Coverage  | 100 % |
|--------------------------|-------|
| <b>Decision Coverage</b> | 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.O. W. L.A. 1000 F. D. D. L. 10  |
|------------------------|---|
| Project Root Directory | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp  |
| Configuration File     | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config<br>\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)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c  |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\-I\$(PROJECTROOT)\\NxtrLib\\nclude -I\$(PROJECTROOT)\\StdDef\\nclude -I\$(ProjectROOT)\ |
| File                   | \$(PROJECTROOT)\NxtrLib\src\interpolation.c   |
| Compiler Options       | -D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\NxtrLib\\nclude -I\\$(PROJECTROOT)\\StdDef\\nclude -I\\$(Projectroot)\\NxtrLib\\nclude -I\\$(PROJECTROOT)\\StdDef\\nclude  |

| Comments/Description/       |  |
|-----------------------------|--|
| Name                        | Text   |
| Module 'FDD_Inertia_FLTINJ' | **************************************   |
|                             | Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro |
|                             | Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments:  |
|                             | Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.  |
|                             | Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.  |
|                             | Note3:In ""DriverVelCalc" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1" function.  |
|                             | Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.  |
|                             | Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.  |
|                             | Note6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.   |
|                             | Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.         |
|                             | Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32":   |
|                             |  |

| A 44 10 - 4           |   |  |
|-----------------------|---|--|
| Attributes            |   |  |
| Name                  | Value   |  |
| Compiler Install Path | <pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre> |  |
| Float Precision       | 9   |  |
| InitObjDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\obj                              |  |
| InitSrcDir            | \$(PROJECTROOT)\UnitTestEnv\static_build_files\src                              |  |
| Linker File           | \$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd                     |  |
| Makefile Template     | \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl         |  |
| Target Install Path   | <pre>\$(ProgramFiles)\pls\UDE 3.2</pre>   |  |
| Time Unit             | Cycles  |  |
| Timer Enabled         | false   |  |
| Timer Prescale        | 0   |  |
| Timer Resolution      | 1   |  |

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| Attributes      |  |  |
|-----------------|--|--|
| Name            | Value  |  |
| UDE Config File | \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg                       |  |
| Workspace File  | D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP |  |



#### **Test Case 1: Metrics Test**

Specification

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

CPU Cycles:

TS1.1 5929.00 Cycles TS1.2 5956.00 Cycles

Description

Test Vector Description:

TS1.1 "Shortest Execution Path:

(FDDDefSrvFlg\_Cnt\_T\_lgc == TRUE)=False

(FrqDepDmpnInrtCmp\_MtrNm\_T\_f32>=D\_MTRTRQCMDHILMT\_MTRNM\_F32)=True"

TS1.2 "Longest Execution Path:

(FDDDefSrvFlg\_Cnt\_T\_lgc == TRUE)=True

(FrqDepDmpnInrtCmp\_MtrNm\_T\_f32>= D\_MTRTRQCMDHILMT\_MTRNM\_F32)=False

(FrqDepDmpnInrtCmp\_MtrNm\_T\_f32<= -D\_MTRTRQCMDHILMT\_MTRNM\_F32)=False"

| Test Step 1.1 (Repeat Count = 1)  | ✓                                 |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain Uls M f32  | 1                                 |
| Prev1PreAttnComp_MtrNm_M_f32  | 1.1                               |
| Prev1ScIDrvVel_RadpS_M_f32  | 2205.3                            |
| Prev2PreAttnComp_MtrNm_M_f32  | 7.3                               |
| Prev2SclDrvVel_RadpS_M_f32  | 101.2                             |
| PrevTbarAng_HwDeg_M_f32   | -8.32                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_                    |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 3.5                               |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.1258                            |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 10.2                              |
| k_CmnTbarStiff_NmpDeg_f32   | 1.2                               |
| k_DmpDecelGainFSlew_UlspS_f32   | 100.02                            |
| k_DmpDecelGain_Uls_f32  | 2.5                               |
| k_DmpGainOffThresh_KphpS_f32  | 16.5                              |
| k_DmpGainOnThresh_KphpS_f32   | 30.2                              |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00008                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.9                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]   | 161                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]   | 328                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]   | 494                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]   | 661                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]   | 827                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]   | 994                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   |                                   |
|   | 1160                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1493<br>1659                      |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   | 342                               |
|   | 683                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]   | 1024                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]   | 1364                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   |                                   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]   | 1705                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]   | 2046                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 2387                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   | 2728                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]   | 3068                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]   | 3409                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 16                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 32                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 48                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 64                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 80                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 96                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 112                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 128                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 144                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 160                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 176                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 192                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 32                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 48                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 64                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 80                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 96                                |

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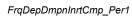
| <u> </u>   |             |  |
|--|-------------|--|
| Name   | Input Value |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 112         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 128         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 144         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 160         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 176         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 192         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]  | 208         |  |
| _CmnVehSpd_Kph_u9p7[0]   | 128         |  |
| _CmnVehSpd_Kph_u9p7[1]   | 256         |  |
| _CmnVehSpd_Kph_u9p7[2]   | 384         |  |
| _CmnVehSpd_Kph_u9p7[3]   | 512         |  |
| _CmnVehSpd_Kph_u9p7[4]   | 640         |  |
| _CmnVehSpd_Kph_u9p7[5]   | 768         |  |
| _CmnVehSpd_Kph_u9p7[6]   | 896         |  |
| _CmnVehSpd_Kph_u9p7[7]   | 1024        |  |
| _CmnVehSpd_Kph_u9p7[8]   | 1152        |  |
| _CmnVehSpd_Kph_u9p7[9]   | 1280        |  |
| _CmnVehSpd_Kph_u9p7[10]  | 1408        |  |
| _CmnVehSpd_Kph_u9p7[11]  | 1536        |  |
| _DmpADDCoefX_MtrNm_u4p12[0]  | 4506        |  |
| _DmpADDCoefX_MtrNm_u4p12[1]  | 4915        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]  | 5325        |  |
| _DmpADDCoefX_MtrNm_u4p12[3]  | 5734        |  |
| _DmpADDCoefX_MtrNm_u4p12[4]  | 6144        |  |
| _DmpADDCoefX_MtrNm_u4p12[5]  | 6554        |  |
| _DmpADDCoefX_MtrNm_u4p12[6]  | 6963        |  |
| _DmpADDCoefX_MtrNm_u4p12[7]  | 7373        |  |
| _DmpADDCoefX_MtrNm_u4p12[8]  | 7782        |  |
| _DmpADDCoefX_MtrNm_u4p12[9]  | 8192        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 3552        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 3584        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]   | 3616        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 3648        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]   | 3680        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 3712        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]  | 408         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]  | 416         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]  | 424         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]  | 432         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]  | 440         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]  | 448         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 1638        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 6554        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 8192        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 523         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]   | 1038        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]   | 1553        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]   | 2068        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]   | 2583        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 3099        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]   | 3614        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 4129        |  |
| _FDD_ADDStaticToff_MitNinpRadpS_um1p17[7] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4644        |  |
|  |             |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 5159        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]   | 240         |  |
| FDD_AttenTblX_MtrRadpS_u12p4[1]  | 320         |  |
| FDD_AttenTblY_Uls_u8p8[0]  | 49          |  |
| FDD_AttenTblY_Uls_u8p8[1]  | 51          |  |
| _FDD_BlendTblY_Uls_u8p8[0]   | 3           |  |
| _FDD_BlendTblY_Uls_u8p8[1]   | 5           |  |
| _FDD_BlendTblY_Uls_u8p8[2]   | 8           |  |
| FDD_BlendTblY_Uls_u8p8[3]  | 10          |  |
| _FDD_BlendTblY_Uls_u8p8[4]   | 13          |  |
| _FDD_BlendTbIY_Uls_u8p8[5]   | 15          |  |
| _FDD_BlendTbIY_Uls_u8p8[6]   | 18          |  |
| _FDD_BlendTbIY_Uls_u8p8[7]   | 20          |  |
| _FDD_BlendTblY_Uls_u8p8[8]   | 23          |  |
| _FDD_BlendTblY_Uls_u8p8[9]   | 26          |  |
| _FDD_BlendTblY_Uls_u8p8[10]  | 28          |  |
| _FDD_BlendTblY_Uls_u8p8[11]  | 31          |  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 13          |  |

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| Name   | Input Value                 |        |  |
|--|-----------------------------|--------|--|
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                  | 26                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                  | 38                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                  | 51                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                  | 64                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                  | 77                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                  | 90                          |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                  | 102                         |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                  | 115                         |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                  | 128                         |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                 | 141                         |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                 | 154                         |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                          | 1                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                          | 3                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                          | 4                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                          | 5                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                          | 6                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                          | 8                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                          | 9                           |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                          | 10                          |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                          | 12                          |        |  |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]                          | 13                          |        |  |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]                         | 14                          |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                         | 15                          |        |  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]  | 1638                        |        |  |
| t RIAstWIRBIndTblY Uls u2p14[1]  | 3277                        |        |  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]  | 4915                        |        |  |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]  | 6554                        |        |  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]  | 8192                        |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 282                         |        |  |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 307                         |        |  |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 333                         |        |  |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 358                         |        |  |
| t WIRBIndTbIX MtrNm u8p8[4]  | 384                         |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value               | 8.1                         |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value              | 600.2                       |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value        | 0                           |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                     | -10                         |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value             | -35.2                       |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                  | 100.01                      |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value               | 1.2                         |        |  |
| tgt Rte Call Ap FrgDepDmpnInrtCmp FltInjection SCom FltInjectio        | -1.2                        |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm  |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_  |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS   |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr  |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw   |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ |                             |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB    |                             |        |  |
| Name   | Actual Value Expected Value | Result |  |

| 2  |              |                           |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 1.11199999   | 1.112 ± 0.0625            | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 128.764511   | 128.764510970637 ± 0.0009 | ~        |
| Prev1SclDrvVel_RadpS_M_f32                                   | 540.226318   | 540.2263355 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.10000002   | 1.1 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 2205.30005   | 2205.3 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -8.33333302  | -8.333333333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 2.22103405   | 2.221033333 ± 0.00390625  | ~        |
| tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp MtrNm f32 value | -1 20000005  | -1 2 + 0 00048828125      | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 1.2 (Repeat Count = 1)  | v                                 |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 125487.235                        |
| Prev1PreAttnComp_MtrNm_M_f32  | 1.1                               |
| Prev1ScIDrvVel_RadpS_M_f32  | 2205.3                            |
| Prev2PreAttnComp_MtrNm_M_f32  | 7.3                               |
| Prev2ScIDrvVel_RadpS_M_f32  | 101.2                             |
| PrevTbarAng_HwDeg_M_f32   | -8.32                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_                        |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 3.5                               |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.1258                            |
| k CmnSysKinRatio MtrDegpHwDeg f32   | 10.2                              |
| k_CmnTbarStiff_NmpDeg_f32   | 1.2                               |
| k_DmpDecelGainFSlew_UlspS_f32   | 100.02                            |
| k_DmpDecelGain_Uls_f32  | 2.5                               |
| k_DmpGainOffThresh_KphpS_f32  | 16.5                              |
| k_DmpGainOnThresh_KphpS_f32   | 30.2                              |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00008                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.9                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]   | 161                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]   | 328                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]   | 494                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]   | 661                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]   | 827                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]   | 994                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]   | 1160                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]   | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   | 1493                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]   | 1659                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]   | 342                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]   | 683                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]   | 1024                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   | 1364                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]   | 1705                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]   | 2046                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 2387                              |
| t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][7]   | 2728                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   | 3068                              |
| t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 3409                              |
| t2_FDD_ADDK0iiiiig1bi11iii_miiinnipkaap5_uii11p17[1][9] t2_FDD_FreqTblYM_Hz_u12p4[0][0]         | 16                                |
| ,   | 32                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 48                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][3]                              | 64                                |
|   | 80                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   |                                   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 96                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 112                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 128                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 144                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 160                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 176                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 192                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 32                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 48                                |

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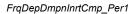
| Name   | Input Value |  |
|--|-------------|--|
| name<br>t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 64          |  |
| ız_FDD_FreqTbIYM_Hz_u12p4[1][2]<br>ı2_FDD_FreqTbIYM_Hz_u12p4[1][3] | 80          |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 96          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 112         |  |
|  | 128         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     |             |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 144         |  |
| I2_FDD_FreqTbIYM_Hz_u12p4[1][8]                                    | 160         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 176         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]                                    | 192         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 208         |  |
| _CmnVehSpd_Kph_u9p7[0]   | 128         |  |
| CmnVehSpd_Kph_u9p7[1]  | 256         |  |
| _CmnVehSpd_Kph_u9p7[2]   | 384         |  |
| _CmnVehSpd_Kph_u9p7[3]   | 512         |  |
| :_CmnVehSpd_Kph_u9p7[4]  | 640         |  |
| _CmnVehSpd_Kph_u9p7[5]   | 768         |  |
| _CmnVehSpd_Kph_u9p7[6]   | 896         |  |
| _CmnVehSpd_Kph_u9p7[7]   | 1024        |  |
| _CmnVehSpd_Kph_u9p7[8]   | 1152        |  |
| _CmnVehSpd_Kph_u9p7[9]   | 1280        |  |
| _CmnVehSpd_Kph_u9p7[10]  | 1408        |  |
| _CmnVehSpd_Kph_u9p7[11]  | 1536        |  |
| _DmpADDCoefX_MtrNm_u4p12[0]  | 4506        |  |
| _DmpADDCoefX_MtrNm_u4p12[1]  | 4915        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]  | 5325        |  |
|  | 5734        |  |
| _DmpADDCoefX_MtrNm_u4p12[4]  | 6144        |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]                                       | 6554        |  |
| _DmpADDCoefX_MtrNm_u4p12[6]  | 6963        |  |
|  | 7373        |  |
| mpADDCoefX_MtrNm_u4p12[8]  | 7782        |  |
| DmpADDCoefX_MtrNm_u4p12[9]   | 8192        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 3552        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                              | 3584        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                              | 3616        |  |
| :_DmpDecelGainGlewX_MtrRadpS_u11p5[3]                              | 3648        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                              | 3680        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                              | 3712        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                                 | 408         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[1]                                 | 416         |  |
|  | 424         |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                                 |             |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[3]                                 | 432         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[4]                                 | 440         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]                                  | 448         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 1638        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 8192        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                           | 523         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                           | 1038        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]                           | 1553        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                           | 2068        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                           | 2583        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                           | 3099        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                          | 3614        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                          | 4129        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                           | 4644        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                           | 5159        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                                   | 240         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                                   | 320         |  |
| _FDD_AttenTblY_Uls_u8p8[0]   | 49          |  |
| _FDD_AttenTblY_Uls_u8p8[1]   | 51          |  |
| _FDD_BlendTblY_Uls_u8p8[0]   | 3           |  |
| _FDD_BlendTblY_Uls_u8p8[1]   | 5           |  |
| :_FDD_BlendTblY_Uls_u8p8[2]  | 8           |  |
| :_FDD_BlendTblY_Uls_u8p8[3]  | 10          |  |
|  |             |  |
| _FDD_BlendTblY_Uls_u8p8[4]   | 13          |  |
| _FDD_BlendTblY_Uls_u8p8[5]   | 15          |  |
| :_FDD_BlendTblY_Uls_u8p8[6]  | 18          |  |
| _FDD_BlendTblY_Uls_u8p8[7]   | 20          |  |
| _FDD_BlendTblY_Uls_u8p8[8]   | 23          |  |
| t_FDD_BlendTbIY_Uls_u8p8[9]  | 26          |  |

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| Name   | Input Value   |  |
|--|---|--|
| t_FDD_BlendTbIY_Uls_u8p8[10]   | 28  |  |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 31  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 13  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 26  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 38  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 51  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 64  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 77  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 90  |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 102   |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 115   |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 128   |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 141   |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 154   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 1   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 3   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 4   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 5   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 6   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 8   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 9   |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 10  |  |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 12  |  |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[9]  | 13  |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 14  |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 15  |  |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]  | 1638  |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 3277  |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 4915  |  |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]  | 6554  |  |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]  | 8192  |  |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 282   |  |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 307   |  |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 333   |  |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 358   |  |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 384   |  |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | 8.1   |  |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | 600.2   |  |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1   |  |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -10   |  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | -21.32  |  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 100.01  |  |
| tgt_FrqDepDmpnInrtCmp_Fe11_verificespeed_rpn_isz.value   | 1.2   |  |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FtItInjection_SCom_FtItInjectio  | -1.2  |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc   |   |  |
| tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 CRFMotorVel I   |   |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr  |   |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn     |   |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_HwTorque_Hwt  |   |  |
|  |   |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I |   |  |
| tgt_Rte_inst_Ap_FrqDepDmpninrtCmp.FrqDepDmpninrtCmp_Peri_venicleSpeed_i<br>tgt_Rte_inst_Ap_FrqDepDmpninrtCmp.FrqDepDmpninrtCmp_Peri_WIRCmdAmpBi    |   |  |
| tgt_rtte_mat_Ap_r rqpeppmpmmittemp.r rqpeppmpmmittemp_rerr_wirkemdAmpb   | GCT I ADEADUIDUITION PER LEMINO MARINDO MARINDI 197 |  |

| <u> </u>   | .   0 = 1 1 1 1 = = | . – –                     |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 125487.234          | 125487.235 ± 0.0625       | •        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 14899641            | 14899642.12 ± 99.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 540.226318          | 540.2263355 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.10000002          | 1.1 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 2205.30005          | 2205.3 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -8.33333302         | -8.333333333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 2.22103405          | 2.2210333333 ± 0.00390625 | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -1.20000005         | -1.2 ± 0.00048828125      | <b>✓</b> |





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|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | -        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | -        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

#### Test Case 2: Path Test

Specification

Performance Metrics (With "None" Instrumentation and "WithPS"  ${\tt Environment}$  )

CPU Cycles:

TS2.1 5949.00 Cycles TS2.2 5980.00 Cycles TS2.3 6964.00 Cycles

Description

Test Vector Description:

 $\label{eq:total_$ 

| Test Step 2.1 (Repeat Count = 1)   | <b>√</b>  |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32   | 125487.235  |
| Prev1PreAttnComp_MtrNm_M_f32   | 1.1   |
| Prev1SclDrvVel_RadpS_M_f32   | 2205.3  |
| Prev2PreAttnComp_MtrNm_M_f32   | 7.3   |
| Prev2SclDrvVel_RadpS_M_f32   | 101.2   |
| PrevTbarAng_HwDeg_M_f32  | -8.32   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ | tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                               |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 3.5   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.1258  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 10.2  |
| k_CmnTbarStiff_NmpDeg_f32  | 1.2   |
| k_DmpDecelGainFSlew_UlspS_f32  | 100.02  |
| k_DmpDecelGain_Uls_f32   | 2.5   |
| k_DmpGainOffThresh_KphpS_f32   | 16.5  |
| k_DmpGainOnThresh_KphpS_f32  | 30.2  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00008   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.9   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]                              | 161   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                              | 328   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]                              | 494   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                              | 661   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                              | 827   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                              | 994   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                              | 1160  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                              | 1326  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                              | 1493  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]                              | 1659  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                              | 342   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]                              | 683   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                              | 1024  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                              | 1364  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                              | 1705  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                              | 2046  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                              | 2387  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                              | 2728  |

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| Input Value 3068 3409 16 |  |
|--------------------------|--|
| 3409                     |  |
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| 32                       |  |
| 48                       |  |
| 64                       |  |
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| 96                       |  |
| 112                      |  |
| 128                      |  |
| 144                      |  |
| 160                      |  |
| 176                      |  |
| 192                      |  |
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| 6554                     |  |
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| 8192                     |  |
| 3552                     |  |
| 3584                     |  |
| 3616                     |  |
| 3648                     |  |
| 3680                     |  |
| 3712                     |  |
| 408                      |  |
| 416                      |  |
| 424                      |  |
| 432                      |  |
| 440                      |  |
| 448                      |  |
| 1638                     |  |
| 3277                     |  |
| 4915                     |  |
| 6554                     |  |
| 8192                     |  |
| 523                      |  |
| 1038                     |  |
| 1553                     |  |
| 2068                     |  |
| 2583                     |  |
| 3099                     |  |
| 3614                     |  |
|                          | 80 96 112 128 144 160 176 192 32 48 64 80 96 112 128 144 160 176 192 208 128 256 384 512 640 768 896 1024 1152 1280 1408 1536 4506 4915 5325 5734 6144 6654 6963 7373 7782 8192 3552 3584 3616 3648 3680 3712 408 416 424 432 440 448 1638 3277 4915 6654 8192 523 1038 1553 2068 2583 |

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| LEDD. BlemPTM / Us. skell(P)   | Name   | Input Value |               |       |
|--|--|-------------|---------------|-------|
| LEDD_destribx_Metaps_strayelly   |  |             |               |       |
| L.D.D. AllamThy L.B. Joseph   1  |  |             |               |       |
| EDD. AserTay Us. upspig  |  |             |               |       |
| CPDD_BendTay_Lb_u508(1)   5   5   1   1   1   1   1   1   1   1  |  |             |               |       |
| FEDD SearWITAY_UB_UR_089(1)   5   5   5   5   5   5   5   5   5  |  |             |               |       |
| F.DD Selection   List septical   S   |  |             |               |       |
| EPOD_BiresTPAY_Ubl_usip[0]   6   | · · · ·  |             |               |       |
| LPDD_BearDay_Lu_Lu_Bapta  19   |  |             |               |       |
| LEDD. BlemPTMY_UBL_siseRipt  | t_FDD_BlendTblY_Uls_u8p8[3]                              | 10          |               |       |
| F.D.D. BlandThY_Us_unp867  | t_FDD_BlendTblY_Uls_u8p8[4]                              | 13          |               |       |
| LPDD_BamPaThY_UB_up8pt    28   | t_FDD_BlendTblY_Uls_u8p8[5]                              | 15          |               |       |
| LPDD_BisedThY_UB_usp898  | t_FDD_BlendTblY_Uls_u8p8[6]                              | 18          |               |       |
| LPD_BlackThar_V_Us_updpt[9]  | t_FDD_BlendTbIY_Uls_u8p8[7]                              | 20          |               |       |
| F.DD BendThY Us. sp8[10]   38   1  | t_FDD_BlendTblY_Uls_u8p8[8]                              |             |               |       |
| LEDOS BINOTRAY_UBL_sp8(11) 31 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 13 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 28 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 38 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 38 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 37 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 39 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 49 LUNCTIONS_Social Factor (TAY_UBL_sp8(17)) 50 LUNCTIONS_Social Factor (TAY_UBL_sp8 | t_FDD_BlendTblY_Uls_u8p8[9]                              |             |               |       |
| Linching SaleriachTMY_Us_up/FT   26  |  |             |               |       |
|  |  |             |               |       |
| Lincting SaleFactorThY_Us_uptyTS   |  |             |               |       |
| LinnComp_SaleFactorToV_Us_ubg7[6]   51   |  |             |               |       |
| ChinCrips_ScaleFactorTbY_Us_up/7[6]  | , , , ,  |             |               |       |
| Lincting ScaleFactorThY_Us_up770   |  |             |               |       |
| LincTomp_ScaleFactorTby_Uls_up0716   |  |             |               |       |
| LinnCrap_ScaleFactorTbY_Uls_usp7t7   |  |             |               |       |
| LimCing_ScaleFactorTBY_Uis_usp719  | , , , ,  |             |               |       |
| LintCmp_ScaleFactorTbY_Uls_up97[10]   128   1.1ntCmp_ScaleFactorTbY_Uls_up97[10]   141   1.1ntCmp_ScaleFactorTbY_Uls_up97[17]   154   1.1ntCmp_ScaleFactorTbY_Uls_up97[17]   154   1.1ntCmp_ScaleFactorTbY_Uls_up97[17]   154   1.1ntCmp_ScaleFactorTbY_Uls_up97[17]   3   3   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[17]   3   3   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   4   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   6   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   6   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   6   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   8   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   10   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   12   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   12   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   12   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   13   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   14   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   15   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   15   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   16   1.1ntCmp_TBatVel_ScaleFactorTbY_Uls_up97[18]   18   1.1ntCm   |  |             |               |       |
| LincTong, ScaleFactorTbY_Us_us_097[10]   154   |  |             |               |       |
| LintCmp_TBarVel_ScaleFactorTbY_Us_us_p7[1]   1   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                   | 141         |               |       |
| LintChmp_TBarVell_ScaleFactorTbY_Uls_upp7t2  | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                   | 154         |               |       |
| LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[2]   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]            | 1           |               |       |
| LintCmp_TBarVel_ScaleFactorThY_Uls_u9p7[3]   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]            | 3           |               |       |
| LintCmp_TBarVel_ScaleFactorTbY_Uls_usp7[5]   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]            | 4           |               |       |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]            |             |               |       |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   9  | t_InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_u9p7[4]            |             |               |       |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   10   12   12   13   13   14   14   15   15   15   15   15   15   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]            |             |               |       |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   12   |  |             |               |       |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   13   |  |             |               |       |
| LinriCmp_TBarVel_ScaleFactorTbiY_Uls_u9p7[10]   14   |  |             |               |       |
| InflCmp_TBarVel_ScaleFactorTblY_UIs_upp7[11]   15  |  |             |               |       |
| L RIAstWiRBindTDiY_Uls_u2p14[0] 1638  L RIAstWiRBindTDiY_Uls_u2p14[1] 3277  L RIAStWiRBindTDiY_Uls_u2p14[2] 4915  L RIAStWiRBindTDiY_Uls_u2p14[3] 6554  L RIAStWiRBindTDiY_Uls_u2p14[4] 8192  L RIAStWiRBindTDiX_MirNm_u8p8[0] 282  L WIRBindTDiX_MirNm_u8p8[1] 307  L WIRBindTDiX_MirNm_u8p8[1] 333  L WIRBindTDiX_MirNm_u8p8[3] 4384  L WIRBindTDiX_MirNm_u8p8[3] 4384  L WIRBindTDiX_MirNm_u8p8[3] 588  L WIRBindTDiX_MirNm_u8p8[4] 584  L RIASTWIRDINGTDIX_MirNm_u8p8[4] 584  L RIASTWIRDINGTDIX_Mir |  |             |               |       |
| L_RIASHWIRBIndTblY_Uls_u2p14[2]  |  |             |               |       |
| L_RIASHWIRBIndTblY_Uls_u2p14[2]  | ,  |             |               |       |
| t_RiAstWiRBindTbiY_Uls_u2p14[3]  |  |             |               |       |
| t_RikstWiRBindTbiX_MirNm_u8p8[0]   |  |             |               |       |
| t_WRBIndTblX_MtrNm_u8p8[1] 307  t_WRBIndTblX_MtrNm_u8p8[2] 333  t_WRBIndTblX_MtrNm_u8p8[3] 358  t_WRBIndTblX_MtrNm_u8p8[3] 358  tgl_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_132.value 8.1  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpsNrtComSvcDft_Cnt_lgc.value 600.2  tgl_FrqDepDmpnInrtCmp_Per1_HvTorque_HwNrm_132.value 10.02  tgl_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_132.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_132.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_132.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_132.value 10.001  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwN  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I kph_52  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I kph_52  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I kph_52  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I kph_52  tgt_FrqDepDmpnInrtCmp_Per1_Vehic | t_RIAstWIRBIndTblY_Uls_u2p14[4]                          |             |               |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2] 333  t_WIRBIndTbIX_MtrNm_u8p8[3] 358  t_WIRBIndTbIX_MtrNm_u8p8[4] 384  tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 8.1  tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 660.2  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 9.1  tgt_FrqDepDmpnInrtCmp_Per1_WehicleLonAccel_KphpS_f32.value 10.02  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 10.02  tgt_FrqDepDmpnInrtCmp_Per1_WehicleSpeed_Kph_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WehicleSpeed_Kph_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WehicleSpeed_Kph_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_FrqTlpinjection_SCom_FitInjectio 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WirkCmdAmpBin_MtrNm_f32  Name  Actual Value  Expected Value  Result   | t_WIRBIndTbIX_MtrNm_u8p8[0]                              | 282         |               |       |
| t_WiRBindTbiX_MtrNm_u8p8[3] 358  t_WiRBindTbiX_MtrNm_u8p8[4] 384  tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 8.1  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32.value 10.02  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 12  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 12  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_ 12  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBid_MtrNm_f32  Name  Actual Value  Expected Value  Result   | t_WIRBIndTbIX_MtrNm_u8p8[1]                              | 307         |               |       |
| t_WIRBIndTblX_MtrNm_u8p8[4] 384  tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 8.1  tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 600.2  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 0  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 100.02  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 100.01  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 100.01  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 1.2  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Frtl_DepDmpnInrtCmp_Per1_BaseAssistCmc 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_V 1 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_V 1 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt 1 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt 1 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt 1 1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleUnAcccccccccccccccccccccccccccccccccccc  | t_WIRBIndTbIX_MtrNm_u8p8[2]                              | 333         |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 600.2  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 0  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 10  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 10.02  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 10.001  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 1.2  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_vict_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAccetttt_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccetttt_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccetttt_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccetttt_ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSp | t_WIRBIndTbIX_MtrNm_u8p8[3]                              | 358         |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WinceSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WinceSpeed_Kph_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_WincmdAmpBind_MtrNm_f32  Name  Actual Value  Expected Value  Resul   | t_WIRBIndTbIX_MtrNm_u8p8[4]                              | 384         |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  tgt_FrqDepDmpnInrtCmp_Per1_WNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmp_Per1_UehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Name   0  10.02  1.2  1.2  1.2  1.2  1.2  1.  | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value |             |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet  tgt_FrqDepDmpnInrtCmp_Per1_UehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_Veh |  |             |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_Vehicl |  |             |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Pe |  |             |               |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1 |  |             |               |       |
| tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp_FrtInjection_SCom_FltInjectio tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_t tgt_Rte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_HwTorque_HwNIntg2 tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_Per1_VehicleLonAcccccl tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_Intgt_ |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwItgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAccccttgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Name  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Igt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Result Value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Result Value  Result Value  Result Value  Result Value  Tgt_PrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_MtrNm_f32  Result Red_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc_Inst_Ap_FrqDepDmpnInrtCmp_P |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwItgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccccttgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_Fr |  |             | Cmd MtrNm f32 |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr tgt_FrqDepDmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_HwI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepD |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp |  | - · · · · · |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl.  Name  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_KphpS_f32  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32  Name  Resultation  |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcct tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcct tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32_i tgt_FrqDepDmpnInrtCmp_Per1_Veh |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Name  Actual Value  Expected Value  Resul  |  |             |               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32  Name  |  |             |               |       |
| Name Actual Value Expected Value Resul   |  |             |               |       |
|  | Name   |             |               | Resul |
| FIEDEGEIGAIII UIS IVI ISZ [123401.U31]   1200.104623   1200.104631   120 |  |             | ·             |       |

| Name                         | Actual Value | Expected Value           | Result |
|------------------------------|--------------|--------------------------|--------|
| PreDecelGain_Uls_M_f32       | 125487.031   | 125487.035 ± 0.0625      | ~      |
| Prev1PreAttnComp_MtrNm_M_f32 | 14899619     | 14899618.37 ± 99.9       | ~      |
| Prev1SclDrvVel_RadpS_M_f32   | 540.226318   | 540.2263355 ± 0.00390625 | ~      |
| Prev2PreAttnComp_MtrNm_M_f32 | 1.10000002   | 1.1 ± 0.00048828125      | •      |

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| Name   | Actual Value | Expected Value            | Result   |
|--|--------------|---------------------------|----------|
| Prev2SclDrvVel_RadpS_M_f32                                   | 2205.30005   | 2205.3 ± 0.00390625       | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | -8.33333302  | -8.333333333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 2.22103405   | 2.221033333 ± 0.00390625  | <b>✓</b> |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value | 1.20000005   | 1.2 ± 0.00048828125       | <b>✓</b> |

| T ·  |       |  |       |        |
|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |
| DecelGain  | 1     | DecelGain  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~      |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~      |

| Test Step 2.2 (Repeat Count = 1)  |   |
|---|---|
| Name  | Input Value   |
| PreDecelGain_Uls_M_f32  | 125589.21   |
| Prev1PreAttnComp_MtrNm_M_f32  | -1.1  |
| Prev1ScIDrvVel_RadpS_M_f32  | -445.3  |
| Prev2PreAttnComp_MtrNm_M_f32  | -6.8  |
| Prev2SclDrvVel_RadpS_M_f32  | -220.3  |
| PrevTbarAng_HwDeg_M_f32   | 4.339   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa                           | ath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                                       |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -2.5  |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.2365  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 20.3  |
| k_CmnTbarStiff_NmpDeg_f32   | 2.3   |
| k_DmpDecelGainFSlew_UlspS_f32   | 200.03  |
| k_DmpDecelGain_Uls_f32  | 3.6   |
| k_DmpGainOffThresh_KphpS_f32  | 20.2  |
| k_DmpGainOnThresh_KphpS_f32   | 35.3  |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00009   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.8   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]   | 342   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]   | 683   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]   | 1024  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]   | 1364  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]   | 1705  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]   | 2046  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   | 2387  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]   | 2728  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   | 3068  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   | 3409  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]   | 523   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]   | 1038  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]   | 1553  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]   | 2068  |
|   | 2583  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3099  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3614  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 4129  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   | 4644  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]   | 5159  |
| t2_FDD_ADDROIling1b1YM_mtrNmpRaapS_um1p17[1][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][0]                 | 32  |
|   |   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 48<br>64  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 80  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   |   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 96  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 112   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 128   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 144   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 160   |

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| гідоеропірпіпістір_гегі                  |             |  |
|--|-------------|--|
| Name                                     | Input Value |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]           | 176         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]          | 192         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]          | 208         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]           | 48          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]           | 64          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]           | 80          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]           | 96          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]           | 112         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]           | 128         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]           | 144         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]           | 160         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]           | 176         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]           | 192         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]          | 208         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]          | 224         |  |
| CmnVehSpd_Kph_u9p7[0]                    | 2560        |  |
| _CmnVehSpd_Kph_u9p7[1]                   | 3840        |  |
| _CmnVehSpd_Kph_u9p7[2]                   | 5120        |  |
|  |             |  |
| _CmnVehSpd_Kph_u9p7[3]                   | 6400        |  |
| _CmnVehSpd_Kph_u9p7[4]                   | 7680        |  |
| _CmnVehSpd_Kph_u9p7[5]                   | 8960        |  |
| _CmnVehSpd_Kph_u9p7[6]                   | 10240       |  |
| _CmnVehSpd_Kph_u9p7[7]                   | 11520       |  |
| _CmnVehSpd_Kph_u9p7[8]                   | 12800       |  |
| _CmnVehSpd_Kph_u9p7[9]                   | 14080       |  |
| _CmnVehSpd_Kph_u9p7[10]                  | 15360       |  |
| _CmnVehSpd_Kph_u9p7[11]                  | 16640       |  |
| _DmpADDCoefX_MtrNm_u4p12[0]              | 8602        |  |
| _DmpADDCoefX_MtrNm_u4p12[1]              | 9011        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]              | 9421        |  |
| _DmpADDCoefX_MtrNm_u4p12[3]              | 9830        |  |
| _DmpADDCoefX_MtrNm_u4p12[4]              | 10240       |  |
| _DmpADDCoefX_MtrNm_u4p12[5]              | 10650       |  |
| _DmpADDCoefX_MtrNm_u4p12[6]              | 11059       |  |
| _DmpADDCoefX_MtrNm_u4p12[7]              | 11469       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]              | 11878       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]              | 12288       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]     | 3872        |  |
| DmpDecelGainSlewX MtrRadpS u11p5[1]      | 3904        |  |
| _DmpDecelGainGlewX_MtrRadpS_u11p5[2]     | 3936        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]     | 3968        |  |
|  |             |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]     | 4000        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]     | 4032        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]        | 1480        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]        | 1488        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]        | 1496        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]        | 1504        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]        | 1512        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]        | 1520        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]          | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]          | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]          | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]          | 9830        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 704         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 814         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 924         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 1034        |  |
|  | 1144        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] |             |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 1254        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 1364        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 1475        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 1585        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] | 1695        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]         | 352         |  |
| _FDD_AttenTbIX_MtrRadpS_u12p4[1]         | 400         |  |
| _FDD_AttenTblY_Uls_u8p8[0]               | 65          |  |
| _FDD_AttenTblY_Uls_u8p8[1]               | 68          |  |
| _FDD_BlendTblY_Uls_u8p8[0]               | 5           |  |
| _FDD_BlendTblY_Uls_u8p8[1]               | 8           |  |
| _FDD_BlendTblY_Uls_u8p8[2]               | 10          |  |
|  |             |  |
| t_FDD_BlendTblY_Uls_u8p8[3]              | 13          |  |

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FrqDepDmpnInrtCmp\_Per1

| FrqDepDmpninrtCmp_Per1   |                                    |                           | MACITAL |
|--|------------------------------------|---------------------------|---------|
| Name   | Input Value                        |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 18                                 |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 20                                 |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 23                                 |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 26                                 |                           |         |
| t_FDD_BlendTbIY_Uls_u8p8[9]  | 28                                 |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[10]   | 31                                 |                           |         |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 33                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 26                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 38                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 51                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 64                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 77                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 90                                 |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 102                                |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 115                                |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 128                                |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 141                                |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 154                                |                           |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 166                                |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 15                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 17                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 18                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 19                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 20                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 22                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 23                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 24                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 26                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 27                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 28                                 |                           |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 29                                 |                           |         |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]  | 3277                               |                           |         |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]  | 4915                               |                           |         |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]  | 6554                               |                           |         |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 8192<br>9830                       |                           |         |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]  | 538                                |                           |         |
| t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]  | 563                                |                           |         |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 589                                |                           |         |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 614                                |                           |         |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 640                                |                           |         |
| tgt_FrgDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | -8.2                               |                           |         |
| tgt_FrgDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | -600.3                             |                           |         |
| tgt FrqDepDmpnInrtCmp Per1 FreqDepDmpSrlComSvcDft Cnt lgc.value  | 1                                  |                           |         |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | 10                                 |                           |         |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | 20.03                              |                           |         |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 200.02                             |                           |         |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 2.3                                |                           |         |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio  | -1.3                               |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo   |                                    | tCmd_MtrNm_f32            |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I   |                                    |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS   | 0= 1 1 1 1= =                      |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn  |                                    |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl  |                                    |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcco  |                                    |                           |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_   |                                    |                           |         |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Approximation and the property of the$ | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA | mpBInd_MtrNm_f32          |         |
| Name   | Actual Value                       | Expected Value            | Resul   |
| PreDecelGain_Uls_M_f32   | 125588.813                         | 125588.8099 ± 0.0625      |         |
| Prev1PreAttnComp_MtrNm_M_f32   | -321190.063                        | -321190.1416 ± 0.9        | •       |
| Prev1SclDrvVel_RadpS_M_f32   | -480.309448                        | -480.3094401 ± 0.00390625 |         |
| Prev2PreAttnComp_MtrNm_M_f32   | -1.10000002                        | -1.1 ± 0.00048828125      | •       |
| Prev2SclDrvVel_RadpS_M_f32   | -445.299988                        | -445.3 ± 0.00390625       | •       |
| PrevTbarAng_HwDeg_M_f32  | 4.347826                           | 4.347826087 ± 0.00390625  | •       |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -0.865101695                       | -0.865065217 ± 0.00390625 | •       |
| tat FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value   | -1 29999995                        | -1 3 + 0 00048828125      |         |

-1.29999995

 $tgt\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_MtrNm\_f32.value$ 

-1.3 ± 0.00048828125



| T  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 2.3 (Repeat Count = 1)                | <b>√</b>                          |
|---|-----------------------------------|
|   | Input Value                       |
|   | 125997.11                         |
| Prev1PreAttnComp_MtrNm_M_f32                    | -3.3                              |
| Prev1SclDrvVel_RadpS_M_f32                      | -4021.3                           |
| Prev2PreAttnComp_MtrNm_M_f32                    | -2.3                              |
| Prev2SclDrvVel_RadpS_M_f32                      | -363.2                            |
|   | 0.159                             |
| , ,   |                                   |
|   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32                  | -6.6                              |
|   | 0.63214                           |
|   | 60.05                             |
|   | 6.2                               |
|   | 400.05                            |
|   | 6.5                               |
|   |                                   |
|   | 44.5                              |
| - , , -   | 20.6                              |
|   | 0.00008                           |
| ,   | 0.4                               |
|   | 1066                              |
|   | 1212                              |
|   | 1359                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 1506                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 1653                              |
|   | 1800                              |
|   | 1946                              |
| ,         | 2093                              |
|   | 2240                              |
| ,         | 2387                              |
|   | 1246                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] | 1638                              |
|   | 2030                              |
|   | 2422                              |
|   | 2814                              |
|   | 3206                              |
|   | 3598                              |
| ,         | 3990                              |
| 0 _ 1 1 _ 1 1 1 1 1                             | 4382                              |
| 0 1 1 _ 1 1 1 1 1                               | 4774                              |
|   | 96                                |
| , ,,  | 112                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                 | 128                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                 | 144                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                 | 160                               |
| , , , , , ,                                     | 176                               |
| , , , , , , , ,                                 | 192                               |
| , ,;  | 208                               |
|   | 224                               |
| , , , , , , ,                                   | 240                               |
|   | 256                               |
| , , , , , ,                                     | 272                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][0]                 | 336                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                 | 352                               |

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| Name   | Input Value |  |
|--|-------------|--|
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 368         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 384         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 400         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 416         |  |
| 2_FDD_freqTblYM_Hz_u12p4[1][6]   | 432         |  |
|  | 448         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]   |             |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 464         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 480         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 496         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]  | 512         |  |
| _CmnVehSpd_Kph_u9p7[0]   | 12800       |  |
| CmnVehSpd_Kph_u9p7[1]  | 12928       |  |
| _CmnVehSpd_Kph_u9p7[2]   | 13056       |  |
| _CmnVehSpd_Kph_u9p7[3]   | 13184       |  |
| CmnVehSpd_Kph_u9p7[4]  | 13312       |  |
| _CmnVehSpd_Kph_u9p7[5]   | 13440       |  |
| _CmnVehSpd_Kph_u9p7[6]   | 13568       |  |
| _CmnVehSpd_Kph_u9p7[7]   | 13696       |  |
| _CmnVehSpd_Kph_u9p7[8]   | 13824       |  |
| _CmnVehSpd_Kph_u9p7[9]   | 13952       |  |
| _CmnVehSpd_Kph_u9p7[10]  | 14080       |  |
| _CmnVehSpd_Kph_u9p7[11]  | 14208       |  |
| _DmpADDCoefX_MtrNm_u4p12[0]  | 24986       |  |
| _DmpADDCoefX_MtrNm_u4p12[1]  | 25395       |  |
| DmpADDCoefX_MtrNm_u4p12[2]   | 25805       |  |
| _DmpADDCoefX_MtrNm_u4p12[3]  | 26214       |  |
| _DmpADDCoefX_MtrNm_u4p12[4]  | 26624       |  |
| _DmpADDCoefX_MtrNm_u4p12[5]  | 27034       |  |
| _DmpADDCoefX_MtrNm_u4p12[6]  | 27443       |  |
| _DmpADDCoefX_MtrNm_u4p12[7]  | 27853       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]  | 28262       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]  | 28672       |  |
| · · · · · · · · · · · · · · · · · · ·  | 32320       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0] _DmpDecelGainSlewX_MtrRadpS_u11p5[1]            | 32352       |  |
|  | 32332       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]   |             |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 32416       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]   | 32448       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 32480       |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]  | 2408        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]  | 2416        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]  | 2424        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]  | 2432        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]  | 2440        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]  | 2448        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 1638        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 8192        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 1427        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]   | 1655        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 1884        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]   | 2112        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]   | 2340        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 2568        |  |
| _FDD_ADDStaticTbl1_inttNmpRadpS_um1p17[6]  | 2796        |  |
| _FDD_ADDStaticToff_wittNffipRadpS_um1p17[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 3024        |  |
|  | 3252        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   |             |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 3480        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]   | 656         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]   | 720         |  |
| _FDD_AttenTblY_Uls_u8p8[0]   | 172         |  |
| _FDD_AttenTblY_Uls_u8p8[1]   | 174         |  |
| _FDD_BlendTblY_Uls_u8p8[0]   | 18          |  |
| _FDD_BlendTblY_Uls_u8p8[1]   | 20          |  |
| _FDD_BlendTblY_Uls_u8p8[2]   | 23          |  |
| _FDD_BlendTblY_Uls_u8p8[3]   | 26          |  |
| _FDD_BlendTblY_Uls_u8p8[4]   | 28          |  |
| _FDD_BlendTblY_Uls_u8p8[5]   | 31          |  |
| _FDD_BlendTblY_Uls_u8p8[6]   | 33          |  |
| _FDD_BlendTblY_Uls_u8p8[7]   | 36          |  |
| _FDD_BlendTblY_Uls_u8p8[8]   | 38          |  |
|  |             |  |

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| Namo   | Input Value         |                  |
|--|---------------------|------------------|
| Name   | Input Value         |                  |
| t_FDD_BlendTblY_Uls_u8p8[10]   | 44                  |                  |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 46                  |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 154                 |                  |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[1]  | 166                 |                  |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[2]  | 179                 |                  |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3]  | 192                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 205                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 218                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 230                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 243                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 256                 |                  |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9]  | 269                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 282                 |                  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 294                 |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 77                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 78                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[2]  | 79                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 81                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 82                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 83                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 84                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 86                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 87                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 88                  |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[10]   | 90<br>91            |                  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   |                     |                  |
| t_RIAstWIRBIndTblY_UIs_u2p14[0]  | 1638<br>3277        |                  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 4915                |                  |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]  | 6554                |                  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 8192                |                  |
| t_RIAstWIRBIndTblY_UIs_u2p14[4]  | 1562                |                  |
| t_WIRBIndTblX_MtrNm_u8p8[0]  | 1587                |                  |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 1613                |                  |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1638                |                  |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 1664                |                  |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | -6.3                |                  |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                           | -1118               |                  |
|  | 0                   |                  |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1.02                |                  |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                                | -20.01              |                  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 110.07              |                  |
| tgt_FrqDepDmpnInrtCmp_Per1_VenicleSpeed_kpri_isz.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                             | 6.3                 |                  |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  | 2.4                 |                  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Frtinijection_Scotin_Fittinjectio<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm |                     | trNm f32         |
| tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel   |                     |                  |
| tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmps   | - 0 - 1 - 1         | · <del>-</del>   |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI   | 0= 1 1 1 1= = 1 1 1 | = = •            |
| tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_FrqDepDmpnI<br>tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_HwTorque_Hv |                     | ·                |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Nw10ique_nv   | 0= 1 1 1 1= = 1 = = |                  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_VehicleSpeed  |                     | • •              |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_VericieSpeed  |                     |                  |
|  |                     |                  |
| Name   | Actual Value Expe   | ected Value Resu |

| 8 = =  | .   0 =      | . – –                     |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 125996.313   | 125996.3099 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -9984653     | -9984653.482 ± 9.9        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -447.704346  | -447.704346 ± 0.00390625  | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -3.29999995  | -3.3 ± 0.00048828125      | •        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -4021.30005  | -4021.3 ± 0.00390625      | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | 0.164516136  | 0.164516129 ± 0.00390625  | ✓        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -0.684389591 | -0.684393097 ± 0.00390625 | •        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 2.4000001    | 2.4 ± 0.00048828125       | <b>✓</b> |

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| T  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | -        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |





#### **Test Case 3: Boundary Test**

#### Specification

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

CPU Cycles:

5738.00 Cycles 5800.00 Cycles TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 5953.00 Cycles 5979.00 Cycles 5952.00 Cycles 5821.00 Cycles 5962.00 Cvcles 5962.00 Cycles 6964.00 Cycles 5881.00 Cycles 5780.00 Cycles 5763.00 Cycles 5814.00 Cycles 5814.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 5815.00 Cycles 5785.00 Cycles 5987.00 Cycles 5789.00 Cycles 5711.00 Cycles TS3.14 TS3.15 TS3.16 TS3.17 TS3.18 5711.00 Cycles 5767.00 Cycles 5767.00 Cycles 5711.00 Cycles 6106.00 Cycles 5803.00 Cycles 5783.00 Cycles 5792.00 Cycles 5792.00 Cycles 5794.00 Cycles 5811.00 Cycles 5826.00 Cycles 5816.00 Cycles 5816.00 Cycles 5781.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5799.00 Cycles 5789.00 Cycles TS3.19 TS3.20 TS3.21 TS3.22 TS3.23 TS3.24 TS3.25 TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.31 TS3.32 TS3.33 TS3.34 TS3.35

#### Description

#### Test Vector Description:

TS3.1 All min

TS3.2 All max

HwTorque\_HwNm\_f32 = min HwTorque\_HwNm\_f32 = max TS3.3 TS3.4

TS3.5 HwTorque\_HwNm\_f32 = zero

TS3.6 HwTorque\_HwNm\_f32 = zero
TS3.6 HwTorque\_HwNm\_f32 = neg
TS3.7 HwTorque\_HwNm\_f32 = pos
TS3.8 CRFMotorVel\_MtrRadpS\_f32 = min
TS3.9 CRFMotorVel\_MtrRadpS\_f32 = max
TS3.10 CRFMotorVel\_MtrRadpS\_f32 = zero
TS3.11 CRFMotorVel\_MtrRadpS\_f32 = neg
TS3.12 CRFMotorVel\_MtrRadpS\_f32 = neg

CRFMotorVel\_MtrRadpS\_f32 = pos TS3.12 TS3.13 BaseAssistCmd\_MtrNm\_f32 = min

TS3.14 BaseAssistCmd\_MtrNm\_f32 = max

TS3.15 BaseAssistCmd\_MtrNm\_f32 = zero
TS3.16 BaseAssistCmd\_MtrNm\_f32 = neg

TS3.17 BaseAssistCmd\_MtrNm\_f32 = pos

TS3.18 TS3.19

VehicleSpeed\_Kph\_f32 = min VehicleSpeed\_Kph\_f32 = max VehicleSpeed\_Kph\_f32 = pos TS3.20

TS3.21

TS3.22

WIRCmdAmpBind\_MtrNm\_f32 = min WIRCmdAmpBind\_MtrNm\_f32 = max WIRCmdAmpBind\_MtrNm\_f32 = pos TS3.23

TS3.24

FreqDepDmpSrlComSvcDft\_Cnt\_lgc = min FreqDepDmpSrlComSvcDft\_Cnt\_lgc = max VehicleLonAccel\_KphpS\_f32 = min TS3.25

TS3.26

TS3.27 VehicleLonAccel\_KphpS\_f32 = max TS3.28

VehicleLonAccel\_KphpS\_f32 = zero VehicleLonAccel\_KphpS\_f32 = neg TS3.29

VehicleLonAccel\_KphpS\_132 = neg
VehicleLonAccel\_KphpS\_132 = pos
Rte\_Call\_FitInjection\_SCom\_FitInjection=min
Rte\_Call\_FitInjection\_SCom\_FitInjection=max
Rte\_Call\_FitInjection\_SCom\_FitInjection=zero TS3.31 TS3.32

TS3.34 Rte\_Call\_FitInjection\_SCom\_FitInjection=pos TS3.35 Rte\_Call\_FitInjection\_SCom\_FitInjection=neg

| Test Step 3.1 (Repeat Count = 1)                                  |   | ~ |
|---|---|---|
| Name  | Input Value   |   |
| PreDecelGain_Uls_M_f32  | 1   |   |
| Prev1PreAttnComp_MtrNm_M_f32                                      | -8.8  |   |
| Prev1SclDrvVel_RadpS_M_f32  | -12917.3  |   |
| Prev2PreAttnComp_MtrNm_M_f32                                      | -8.8  |   |
| Prev2SclDrvVel_RadpS_M_f32  | -12917.3  |   |
| PrevTbarAng_HwDeg_M_f32   | -20   |   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Sign | alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio |   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                                     | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |   |
| TbarVelFiltSv_M_str.SV_Uls_f32                                    | -6.6667   |   |
| TbarVelFiltSv_M_str.K_Uls_f32                                     | 0.001255848   |   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                 | 1   |   |
| k_CmnTbarStiff_NmpDeg_f32   | 0.5   |   |
| k DmpDecelGainFSlew UlspS f32                                     | 1   |   |

FrqDepDmpnInrtCmp\_Per1

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Input Value k\_DmpDecelGain\_Uls\_f32 1 k\_DmpGainOffThresh\_KphpS\_f32 k\_DmpGainOnThresh\_KphpS\_f32 0 k\_InrtCmp\_MtrInertia\_KgmSq\_f32 0.00001 k InrtCmp MtrVel ScaleFactor Uls f32 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][0]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][1] 0  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[0][2]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][3] 0 t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[0][4] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][5] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7] 0 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0]$ 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][1]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 0 t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][5]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][7]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ 0 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][0] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][1] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][2] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][3] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][4] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][5] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][6] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][7] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][8] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][9] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][10] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][11] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][0] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][1] 16 t2 FDD FregTblYM Hz u12p4[1][2] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 16 t2 FDD FreqTblYM Hz u12p4[1][4] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 16 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 16 0 t\_CmnVehSpd\_Kph\_u9p7[0] t\_CmnVehSpd\_Kph\_u9p7[1] 0 t\_CmnVehSpd\_Kph\_u9p7[2] 0 t\_CmnVehSpd\_Kph\_u9p7[3] 0 t\_CmnVehSpd\_Kph\_u9p7[4] 0 t\_CmnVehSpd\_Kph\_u9p7[5] 0 t\_CmnVehSpd\_Kph\_u9p7[6] 0 t\_CmnVehSpd\_Kph\_u9p7[7] 0 t\_CmnVehSpd\_Kph\_u9p7[8] 0 t\_CmnVehSpd\_Kph\_u9p7[9] 0 t\_CmnVehSpd\_Kph\_u9p7[10] 0 0 t\_CmnVehSpd\_Kph\_u9p7[11] 0 t DmpADDCoefX MtrNm u4p12[0] t\_DmpADDCoefX\_MtrNm\_u4p12[1] 0 t DmpADDCoefX MtrNm u4p12[2] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 0 0 t DmpADDCoefX MtrNm u4p12[4] t\_DmpADDCoefX\_MtrNm\_u4p12[5] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 0  $t\_DmpADDCoefX\_MtrNm\_u4p12[9]$ 0 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 0 0 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1]

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| TrqBepBilipililiteilip_rerr                    | ( ** ** ** ** ** ** ** ** ** ** ** ** ** |
|--|--|
| Name   | Input Value                              |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]          | 0  |
|  |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]          | 0  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]          | 0  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]          | 0  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]             | 8  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]             | 8  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]             | 8  |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]             | 8  |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]             | 8  |
|  |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]             | 8  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]               | 0  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]               | 0  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]               | 0  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]               | 0  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]               | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]      | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]      | 0  |
|  |  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]      | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]      | 0  |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]      | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]      | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]      | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]      | 0  |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]      | 0  |
| 1        | 0  |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]      |  |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]              | 0  |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]              | 0  |
| t_FDD_AttenTblY_Uls_u8p8[0]                    | 0  |
| t_FDD_AttenTblY_Uls_u8p8[1]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[0]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[1]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[2]                    | 0  |
|  | 0  |
| t_FDD_BlendTblY_Uls_u8p8[3]                    |  |
| t_FDD_BlendTblY_Uls_u8p8[4]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[5]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[6]                    | 0  |
| t_FDD_BlendTbIY_Uls_u8p8[7]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[8]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[9]                    | 0  |
| t_FDD_BlendTblY_Uls_u8p8[10]                   | 0  |
|  |  |
| t_FDD_BlendTblY_Uls_u8p8[11]                   | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]          | 0  |
|  | 0  |
| t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[7]          |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]          | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]         | 0  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]         | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 0  |
|  |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 0  |
|  | 0  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 0  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]                | 0  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]                | 0  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]                | 0  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]                | 0  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]                | 0  |
|  | 0  |
| t_WIRBIndTbIX_MtrNm_u8p8[0]                    |  |
| t_WIRBIndTbIX_MtrNm_u8p8[1]                    | 0  |
| t_WIRBIndTbIX_MtrNm_u8p8[2]                    | 0  |
|  |  |



| Name  | Input Value                            |                         |          |
|---|--|-------------------------|----------|
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 0                                      |                         |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 0                                      |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -8.8                                   |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -1118                                  |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 0                                      |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | -10                                    |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | -50                                    |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 0                                      |                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  | 0                                      |                         |          |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio   | -8.8                                   |                         |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmoordingstart (Compared to the Compared $  | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC | Cmd_MtrNm_f32           |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_   | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV   | el_MtrRadpS_f32         |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpS$   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm   | pSrlComSvcDft_Cnt_lgc   |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp  | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | onInrtCmp_MtrNm_f32     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw  | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I  | HwNm_f32                |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | Accel_KphpS_f32         |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCm$ | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | ed_Kph_f32              |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB   | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | npBInd_MtrNm_f32        |          |
| Name  | Actual Value                           | Expected Value          | Result   |
| PreDecelGain_Uls_M_f32  | 1                                      | 1 ± 0.0625              | ~        |
| Prev1PreAttnComp MtrNm M f32  | -8.79862881                            | -8.798627659 ± 0.000009 | <b>✓</b> |

| Name  | Actual Value | Expected Value            | Result   |
|---|--------------|---------------------------|----------|
| PreDecelGain_Uls_M_f32  | 1            | 1 ± 0.0625                | ~        |
| Prev1PreAttnComp_MtrNm_M_f32  | -8.79862881  | -8.798627659 ± 0.000009   | •        |
| Prev1SclDrvVel_RadpS_M_f32  | -0           | 0 ± 0.00390625            | ~        |
| Prev2PreAttnComp_MtrNm_M_f32  | -8.80000019  | -8.8 ± 0.00048828125      | •        |
| Prev2SclDrvVel_RadpS_M_f32  | -12917.2998  | -12917.3 ± 0.00390625     | ~        |
| PrevTbarAng_HwDeg_M_f32   | -20          | -20 ± 0.00390625          | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                                      | -6.65832758  | -6.658327638 ± 0.00390625 | ~        |
| $tgt\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_MtrNm\_f32.value$ | -8.80000019  | -8.8 ± 0.00048828125      | <b>~</b> |

| Τ  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | •        |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.2 (Repeat Count = 1)   | ✓   |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32   | 4294967295  |
| Prev1PreAttnComp_MtrNm_M_f32   | 8.8   |
| Prev1SclDrvVel_RadpS_M_f32   | 12917.3   |
| Prev2PreAttnComp_MtrNm_M_f32   | 8.8   |
| Prev2SclDrvVel_RadpS_M_f32   | 12917.3   |
| PrevTbarAng_HwDeg_M_f32  | 1.013334  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ | tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                               |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 6.6667  |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.715390457   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 100   |
| k_CmnTbarStiff_NmpDeg_f32  | 10  |
| k_DmpDecelGainFSlew_UlspS_f32  | 4500  |
| k_DmpDecelGain_Uls_f32   | 10  |
| k_DmpGainOffThresh_KphpS_f32   | 50  |
| k_DmpGainOnThresh_KphpS_f32  | 50  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.0005  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 1   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                              | 6554  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                              | 6554  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                              | 6554  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                              | 6554  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]                              | 6554  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                              | 6554  |

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| Name  | Input Value    |
|---|----------------|
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]   | 6554           |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 6554<br>6554   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]   | 6554           |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]   | 6554           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 1600           |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 1600           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]<br>t_CmnVehSpd_Kph_u9p7[0]                                     | 1600<br>32640  |
| t_CmnVehSpd_Kph_u9p7[1]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[2]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[3]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[4]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[5]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[6]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[7]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[8]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[9]   | 32640          |
| t_CmnVehSpd_Kph_u9p7[10]  | 32640          |
| t_CmnVehSpd_Kph_u9p7[11]  | 32640          |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 36045          |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 36045          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 35776          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 35776          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]   | 35776          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 35776<br>35776 |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                     | 35776<br>35776 |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]  | 4000           |
| t_DmpDecelGainSlewY_UlspS_u13p3[0] t_DmpDecelGainSlewY_UlspS_u13p3[1]                           | 4000           |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]  | 4000           |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]  | 4000           |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]  | 4000           |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]  | 4000           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 16384          |
| = • • •   |                |

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| Name  | Input Value  |
|---|--|
| :_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 16384  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 16384  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 16384  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 16384  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 6554<br>6554   |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3] | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 6554   |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 6554   |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]  | 17600  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]  | 17600  |
| _FDD_AttenTblY_Uls_u8p8[0]  | 256  |
| _FDD_AttenTblY_Uls_u8p8[1]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[0]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[1]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[2]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[3]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[4]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[5]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[6]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[7]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[8]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[9]  | 256  |
| _FDD_BlendTblY_Uls_u8p8[10]   | 256  |
| _FDD_BlendTblY_Uls_u8p8[11]   | 256  |
| _InrtCmp_ScaleFactorTblY_UIs_u9p7[0]  | 384  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 384<br>384   |
| _InrtCmp_ScaleFactorTbIY_Uls_u9p7[2]<br>_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3]      | 384  |
| _inttCmp_scaleFactorTblY_Uls_u9p7[4]  | 384  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 384  |
| _inttCmp_ScaleFactorTblY_Uls_u9p7[6]  | 384  |
| _inrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 384  |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 384  |
| InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 384  |
| InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 384  |
| _inrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 384  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                                      | 128  |
| _InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_u9p7[9]                                      | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                                     | 128  |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                                     | 128  |
| _RIAstWIRBIndTbIY_UIs_u2p14[0]  | 16384  |
| _RIAstWIRBIndTbIY_UIs_u2p14[1]  | 16384  |
| _RIAstWIRBIndTbIY_UIs_u2p14[2]  | 16384  |
| _RIAstWIRBIndTbIY_UIs_u2p14[3]  | 16384  |
| _RIAstWIRBIndTbIY_Uls_u2p14[4]<br>_WIRBIndTbIX_MtrNm_u8p8[0]                      | 16384<br>2048  |
| _WIRBINdTblX_MtrNm_u8p8[0]<br>_WIRBIndTblX_MtrNm_u8p8[1]                          | 2048   |
| _WIRBIndTblX_MtrNm_u8p8[2]  | 2048   |
| _WIRBIndTblX_MtrNm_u8p8[3]  | 2048   |
| _WIRBIndTblX_MtrNm_u8p8[4]  | 2048   |
| gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                           | 8.8  |
| gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                          | 1118   |
| gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value                    | 1  |
| gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                                 | 10   |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                         | 50   |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                              | 511.9921875  |
| gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                           | 8.8  |
| gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                    | 8.8  |
|   | Cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32 |



| Name  | Input Value                            |                                |          |
|---|--|--------------------------------|----------|
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I  | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe  | el_MtrRadpS_f32                |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSinrtCmp\_$   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm   | pSrlComSvcDft_Cnt_lgc          |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$  | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | nInrtCmp_MtrNm_f32             |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw1000000000000000000000000000000000000$  | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F  | lwNm_f32                       |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccesting and the property of the propert$  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | ccel_KphpS_f32                 |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst$ | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | d_Kph_f32                      |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBlance(Mathematical Applications) and the state of the property of the pro$  | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | pBInd_MtrNm_f32                |          |
| Name  | Actual Value                           | Expected Value                 | Result   |
| PreDecelGain_Uls_M_f32  | 4.2949673e+009                         | 4294967286 ± 0.0625            | ~        |
| Prev1PreAttnComp_MtrNm_M_f32  | -2.45381431e+011                       | -245381471607.646 ± 999999.9   | ~        |
| Prev1SclDrvVel_RadpS_M_f32  | 1112.98718                             | 1112.9872366867 ± 0.00390625   | ~        |
| Prev2PreAttnComp_MtrNm_M_f32  | 8.80000019                             | 8.8 ± 0.00048828125            | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32  | 12917.2998                             | 12917.3 ± 0.00390625           | ~        |
| PrevTbarAng_HwDeg_M_f32   | 1                                      | 1 ± 0.00390625                 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -2.8721137                             | -2.87210173650089 ± 0.00390625 | ~        |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value  | 8.80000019                             | 8.8 ± 0.00048828125            | •        |

| T  |       |  |       | V      |
|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | •      |
| DecelGain  | 1     | DecelGain  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~      |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | •      |

| Test Step 3.3 (Repeat Count = 1)  | <b>✓</b>  |
|---|---|
| Name  | Input Value   |
| PreDecelGain_Uls_M_f32  | 125487.235  |
| Prev1PreAttnComp_MtrNm_M_f32  | 1.1   |
| Prev1SclDrvVel_RadpS_M_f32  | 2205.3  |
| Prev2PreAttnComp_MtrNm_M_f32  | 7.3   |
| Prev2ScIDrvVel_RadpS_M_f32  | 101.2   |
| PrevTbarAng_HwDeg_M_f32   | -8.32   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls | tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                               |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 3.5   |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.1258  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 10.2  |
| k_CmnTbarStiff_NmpDeg_f32   | 1.2   |
| k_DmpDecelGainFSlew_UlspS_f32   | 100.02  |
| k_DmpDecelGain_Uls_f32  | 2.5   |
| k_DmpGainOffThresh_KphpS_f32  | 16.5  |
| k_DmpGainOnThresh_KphpS_f32   | 30.2  |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00008   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.9   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                             | 161   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]                             | 328   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                             | 494   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                             | 661   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]                             | 827   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]                             | 994   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]                             | 1160  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                             | 1326  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]                             | 1493  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]                             | 1659  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                             | 342   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                             | 683   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                             | 1024  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                             | 1364  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                             | 1705  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                             | 2046  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                             | 2387  |

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][7] 2728  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8]$ 3068  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ 3409 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][0] 16 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][1] 32 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][2] 48 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][3] 64 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][4] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][5] 96 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][6] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][7] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][8] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][9] 160 t2 FDD FreaTblYM Hz u12p4[0][10] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][11] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][0] 32 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][1] 48 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 64 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][4] 96 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 208 t\_CmnVehSpd\_Kph\_u9p7[0] 128 t\_CmnVehSpd\_Kph\_u9p7[1] 256 t\_CmnVehSpd\_Kph\_u9p7[2] 384 t\_CmnVehSpd\_Kph\_u9p7[3] 512 t\_CmnVehSpd\_Kph\_u9p7[4] 640 t\_CmnVehSpd\_Kph\_u9p7[5] 768 t\_CmnVehSpd\_Kph\_u9p7[6] 896 t\_CmnVehSpd\_Kph\_u9p7[7] 1024 t\_CmnVehSpd\_Kph\_u9p7[8] 1152 t\_CmnVehSpd\_Kph\_u9p7[9] 1280 t\_CmnVehSpd\_Kph\_u9p7[10] 1408 t\_CmnVehSpd\_Kph\_u9p7[11] 1536 t DmpADDCoefX MtrNm u4p12[0] 4506 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 4915 t DmpADDCoefX MtrNm u4p12[2] 5325 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 5734 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 6144 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 6554 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 6963 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 7373 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 7782 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 8192

3552

3584

3616

3648

3680

3712

408

416

424

432

440

448

1638

3277

4915

6554 8192

523

1038

1553

2068

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[0]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[3]

 $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4]$ 

t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0]

t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1]

t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2]

t DmpDecelGainSlewX MtrRadpS u11p5[3]

t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]

t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[0]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[1]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[2]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[3]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[4]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[5]

t DmpFiltKpWIRBIndY Uls u2p14[0]

 $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1]$ 

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]

 $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3]$ 

t DmpFiltKpWIRBIndY Uls u2p14[4]

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FrqDepDmpnInrtCmp\_Per1

| Name   | Input Value  |                |       |
|--|--------------|----------------|-------|
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                            | 4129         |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                            | 4644         |                |       |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                            | 5159         |                |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]                                    | 240          |                |       |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]                                    | 320          |                |       |
| t_FDD_AttenTblY_Uls_u8p8[0]  | 49           |                |       |
| t_FDD_AttenTblY_Uls_u8p8[1]  | 51           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 3            |                |       |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 5            |                |       |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 8            |                |       |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 10           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 13           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 15           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 18           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 20           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 23           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 26           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[10]   | 28           |                |       |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 31           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 13           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 26           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 38           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 51           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 64           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 77           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 90           |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                | 102          |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                | 115          |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                | 128          |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                               | 141          |                |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                               | 154          |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                        | 1            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                        | 3            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                        | 4            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                        | 5            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                        | 6            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                        | 8            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                        | 9            |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                        | 10           |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                        | 12           |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                        | 13           |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                       | 14           |                |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                       | 15           |                |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]                                      | 1638         |                |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]                                      | 3277         |                |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]                                      | 4915         |                |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]                                      | 6554         |                |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]                                      | 8192         |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 282          |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 307          |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 333          |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 358          |                |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 384          |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value             | 8.1          |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value            | 600.2        |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value      | 0            |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                   | -10          |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value           | 10.02        |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                | 100.01       |                |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value             | 1.2          |                |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio      | -1.2         |                |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC |              | Cmd_MtrNm_f32  |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe  |              |                |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp  | - · · · ·    | •              |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn  |              | •              |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H  |              | •              |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA |              |                |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee |              |                |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm    |              |                |       |
| Name   | Actual Value | Expected Value | Resul |
| TAIN O   | Astuul Tulus | Expedied Value | Resu  |

125487.031

14899619

540.226318

PreDecelGain\_Uls\_M\_f32

Prev1PreAttnComp\_MtrNm\_M\_f32

Prev1SclDrvVel\_RadpS\_M\_f32

125487.035 ± 0.0625

14899618.37 ± 99.9

540.2263355 ± 0.00390625

FrqDepDmpnInrtCmp\_Per1

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| Name   | Actual Value | Expected Value            | Result   |
|--|--------------|---------------------------|----------|
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.10000002   | 1.1 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 2205.30005   | 2205.3 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -8.33333302  | -8.333333333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 2.22103405   | 2.221033333 ± 0.00390625  | ~        |
| tot FraDenDmnnInttCmn Per1 FraDenDmnnInttCmn MtrNm f32 value | -1 20000005  | -1 2 + 0 000/8828125      | <b>2</b> |

| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | •        |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | •        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Name  | Input Value                       |
|---|-----------------------------------|
| PreDecelGain_Uls_M_f32  | 125589.21                         |
|   | -1.1                              |
| Prev1PreAttnComp_MtrNm_M_f32  |                                   |
| Prev1ScIDrvVel_RadpS_M_f32  | -445.3                            |
| Prev2PreAttnComp_MtrNm_M_f32  | -6.8                              |
| Prev2ScIDrvVel_RadpS_M_f32  | -220.3                            |
| PrevTbarAng_HwDeg_M_f32   | 4.339                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_U |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| FbarVelFiltSv_M_str.SV_Uls_f32  | -2.5                              |
| barVelFiltSv_M_str.K_Uls_f32  | 0.2365                            |
| _CmnSysKinRatio_MtrDegpHwDeg_f32  | 20.3                              |
| CmnTbarStiff_NmpDeg_f32   | 2.3                               |
| _DmpDecelGainFSlew_UlspS_f32  | 200.03                            |
| z_DmpDecelGain_Uls_f32  | 3.6                               |
| C_DmpGainOffThresh_KphpS_f32  | 20.2                              |
| _DmpGainOnThresh_KphpS_f32  | 35.3                              |
| :_InrtCmp_MtrInertia_KgmSq_f32  | 0.00009                           |
| _InrtCmp_MtrVel_ScaleFactor_Uls_f32                                       | 0.8                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                            | 342                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                            | 683                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                            | 1024                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                            | 1364                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                            | 1705                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                            | 2046                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                            | 2387                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                            | 2728                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                            | 3068                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                            | 3409                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                            | 523                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                            | 1038                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                            | 1553                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                            | 2068                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                            | 2583                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                            | 3099                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                            | 3614                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                            | 4129                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                            | 4644                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                            | 5159                              |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 32                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 48                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 64                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 80                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 96                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 112                               |
| z_FDD_FreqTbIYM_Hz_u12p4[0][6]  | 128                               |
| z_FDD_FreqTbIYM_Hz_u12p4[0][0]<br>2_FDD_FreqTbIYM_Hz_u12p4[0][7]          | 144                               |

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|--|-------------|----------|
| Name   | Input Value |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]                                    | 160         |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                    | 176         |          |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                   | 192         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                                    | 208         |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                    | 48          |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                    | 64          |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                    | 80          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]                                     | 96          |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 112         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 128         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 144         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 160         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 176         |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 192         |          |
| 2_FDD_FreqTbIYM_Hz_u12p4[1][10]<br>2_FDD_FreqTbIYM_Hz_u12p4[1][11] | 208         |          |
| _CmnVehSpd_Kph_u9p7[0]   | 2560        |          |
| _CmnVehSpd_Kph_u9p7[0]<br>_CmnVehSpd_Kph_u9p7[1]                   | 3840        |          |
| _CmnVehSpd_Kph_u9p7[1]<br>_CmnVehSpd_Kph_u9p7[2]                   | 5120        |          |
| _CmnVenSpd_Kph_u9p7[2]<br>_CmnVehSpd_Kph_u9p7[3]                   | 6400        |          |
| _CmnVehSpd_Kph_u9p7[4]   | 7680        |          |
| _CmnVehSpd_Kph_u9p7[5]   | 8960        |          |
| _CmnVehSpd_Kph_u9p7[6]   | 10240       |          |
| _CmnVehSpd_Kph_u9p7[7]   | 11520       |          |
| _CmnVehSpd_Kph_u9p7[8]   | 12800       |          |
| _CmnVehSpd_Kph_u9p7[9]   | 14080       |          |
| _CmnVehSpd_Kph_u9p7[10]  | 15360       |          |
| _CmnVehSpd_Kph_u9p7[11]  | 16640       |          |
| _DmpADDCoefX_MtrNm_u4p12[0]  | 8602        |          |
| _DmpADDCoefX_MtrNm_u4p12[1]  | 9011        |          |
| _DmpADDCoefX_MtrNm_u4p12[2]  | 9421        |          |
| _DmpADDCoefX_MtrNm_u4p12[3]  | 9830        |          |
| _DmpADDCoefX_MtrNm_u4p12[4]  | 10240       |          |
| _DmpADDCoefX_MtrNm_u4p12[5]  | 10650       |          |
|  | 11059       |          |
| _DmpADDCoefX_MtrNm_u4p12[7]  | 11469       |          |
| :_DmpADDCoefX_MtrNm_u4p12[8]                                       | 11878       |          |
| :_DmpADDCoefX_MtrNm_u4p12[9]                                       | 12288       |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 3872        |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]                               | 3904        |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]                               | 3936        |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]                               | 3968        |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]                               | 4000        |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]                               | 4032        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[0]                                  | 1480        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[1]                                  | 1488        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[2]                                  | 1496        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[3]                                  | 1504        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[4]                                  | 1512        |          |
| _DmpDecelGainSlewY_UlspS_u13p3[5]                                  | 1520        |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 3277        |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]                                    | 4915        |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 6554        |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 8192        |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 9830        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                           | 704         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                           | 814         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                           | 924         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                           | 1034        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                           | 1144        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                           | 1254        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                           | 1364        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                           | 1475        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                           | 1585        |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                           | 1695        |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                                   | 352         |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                                   | 400         |          |
| _FDD_AttenTbIY_Uls_u8p8[0]   | 65          |          |
| _FDD_AttenTblY_Uls_u8p8[1]   | 68          |          |
| r_FDD_BlendTbIY_Uls_u8p8[0]  | 5           |          |
| :_FDD_BlendTblY_Uls_u8p8[1]  | 8           |          |
|  | 10          |          |
| t_FDD_BlendTbIY_Uls_u8p8[2]<br>t_FDD_BlendTbIY_Uls_u8p8[3]         | 13          |          |

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FrqDepDmpnInrtCmp\_Per1

|   |                           |                           | TOILCITOR |
|---|---------------------------|---------------------------|-----------|
| Name  | Input Value               |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 15                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 18                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 20                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[7]   | 23                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 26                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 28                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[10]  | 31                        |                           |           |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 33                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 26                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 38                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 51                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 64                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 77                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 90                        |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 102                       |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 115                       |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 128                       |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 141                       |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 154                       |                           |           |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 166                       |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 15                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 17                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 18                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 19                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 20                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 22                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 23                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   | 24                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   | 26                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 27                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 28                        |                           |           |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 29                        |                           |           |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]   | 3277                      |                           |           |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]   | 4915                      |                           |           |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 6554                      |                           |           |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]   | 8192                      |                           |           |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 9830                      |                           |           |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 538                       |                           |           |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 563                       |                           |           |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 589                       |                           |           |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 614                       |                           |           |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 640                       |                           |           |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -8.2                      |                           |           |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -600.3                    |                           |           |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 1                         |                           |           |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 10                        |                           |           |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tgt FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 20.03                     |                           |           |
| tgt_rqDepDmpnInrtCmp_Per1_VenicleSpeed_Kpn_t32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 200.02                    |                           |           |
|   | 1.3                       |                           |           |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCm  |                           | ietCmd MtrNm f22          |           |
| tgt_kte_inst_Ap_frqDepDmpninrtCmp.FrqDepDmpninrtCmp_Peri_BaseAssistCm<br>tgt_kte_inst_Ap_frqDepDmpninrtCmp.FrqDepDmpninrtCmp_Peri_CRFMotorVel_  | 0= 1 1 1 1= =             | = =                       |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS  |                           |                           |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_FrqDepDmp |                           |                           |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw  |                           |                           |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_vehicleLonAcc  |                           |                           |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  |                           |                           |           |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE   |                           |                           |           |
| Name  | Actual Value              | Expected Value            | Result    |
|   |                           | · ·                       | Result    |
| PreDecelGain_Uls_M_f32  | 125588.813                | 125588.8099 ± 0.0625      | · ·       |
| Prev1PreAttnComp_MtrNm_M_f32  | -321190.063               | -321190.1416 ± 0.9        |           |
| Prev1ScIDrvVel_RadpS_M_f32  | -480.309448               | -480.3094401 ± 0.00390625 | · ·       |
| Prev2PreAttnComp_MtrNm_M_f32  Prov2ScIDnA(a)_PadeS_M_f32  | -1.10000002               | -1.1 ± 0.00048828125      | .4        |
| Prev2ScIDrvVel_RadpS_M_f32  | -445.299988<br>4.347826   | -445.3 ± 0.00390625       | · ·       |
| PrevTbarAng_HwDeg_M_f32 TbarVolEiltSv. M. etc SV. Llle f33  | 4.347826                  | 4.347826087 ± 0.00390625  |           |
| TbarVelFiltSv_M_str.SV_Uls_f32 tat_FrqDepDmpplottCmp_Per1_FrqDepDmpplottCmp_MtrNm_f32_value   | -0.865101695<br>1 2999995 | -0.865065217 ± 0.00390625 | · ·       |

1.29999995

 $tgt\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_MtrNm\_f32.value$ 

1.3 ± 0.00048828125



| T  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.5 (Repeat Count = 1)                | 1   |
|---|---|
| Name  | Input Value   |
| PreDecelGain_Uls_M_f32                          | 125691.185  |
| Prev1PreAttnComp_MtrNm_M_f32                    | 2.2   |
| Prev1SclDrvVel_RadpS_M_f32                      | 292.6   |
| Prev2PreAttnComp_MtrNm_M_f32                    | 6.8   |
| Prev2SclDrvVel_RadpS_M_f32                      | 105.1   |
| PrevTbarAng_HwDeg_M_f32                         | -0.001  |
|   | alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| barVelFiltSv_M_str.SV_Uls_f32                   | 2.5   |
| FbarVelFiltSv_M_str.K_Uls_f32                   | 0.35874   |
| c_CmnSysKinRatio_MtrDegpHwDeg_f32               | 30.2  |
| c_CmnTbarStiff_NmpDeg_f32                       | 3.5   |
| c_DmpDecelGainFSlew_UlspS_f32                   | 100.02  |
| k_DmpDecelGain_Uls_f32                          | 4.5   |
| k_DmpGainOffThresh_KphpS_f32                    | 22.1  |
| c_DmpGainOnThresh_KphpS_f32                     | 40.2  |
| c_InrtCmp_MtrInertia_KgmSq_f32                  | 0.00002   |
| x_InrtCmp_MtrVel_ScaleFactor_Uls_f32            | 0.7   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]  | 523   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]  | 1038  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]  | 1553  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]  | 2068  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]  | 2583  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 3099  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]  | 3614  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]  | 4129  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]  | 4644  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 5159  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]  | 704   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]  | 814   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]  | 924   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]  | 1034  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]  | 1144  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]  | 1254  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]  | 1364  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]  | 1475  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]  | 1585  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]  | 1695  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]                  | 48  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                  | 64  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]                  | 80  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]                  | 96  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]                  | 112   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]                  | 128   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]                  | 144   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]                  | 160   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]                  | 176   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]                  | 192   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                 | 208   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                 | 224   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                 | 64  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                 | 80  |

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| Name  | Input Value |  |
|---|-------------|--|
| Name<br>i2_FDD_FreqTblYM_Hz_u12p4[1][2]                             | 96          |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][3]                                     | 112         |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][4]                                     | 128         |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 144         |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 160         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][7]                                     | 176         |  |
| tz_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 192         |  |
|   | 208         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][9]<br>12_FDD_FreqTbIYM_Hz_u12p4[1][10] | 224         |  |
|   |             |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 240         |  |
| t_CmnVehSpd_Kph_u9p7[0]   | 6784        |  |
| t_CmnVehSpd_Kph_u9p7[1]   | 6912        |  |
| t_CmnVehSpd_Kph_u9p7[2]   | 7040        |  |
| t_CmnVehSpd_Kph_u9p7[3]   | 7168        |  |
| t_CmnVehSpd_Kph_u9p7[4]   | 7296        |  |
| :_CmnVehSpd_Kph_u9p7[5]   | 7424        |  |
| :_CmnVehSpd_Kph_u9p7[6]   | 7552        |  |
| _CmnVehSpd_Kph_u9p7[7]  | 7680        |  |
| _CmnVehSpd_Kph_u9p7[8]  | 7808        |  |
| _CmnVehSpd_Kph_u9p7[9]  | 7936        |  |
| _CmnVehSpd_Kph_u9p7[10]   | 8064        |  |
| :_CmnVehSpd_Kph_u9p7[11]  | 8192        |  |
| :_DmpADDCoefX_MtrNm_u4p12[0]  | 12698       |  |
| _DmpADDCoefX_MtrNm_u4p12[1]   | 13107       |  |
| _DmpADDCoefX_MtrNm_u4p12[2]   | 13517       |  |
| _DmpADDCoefX_MtrNm_u4p12[3]   | 13926       |  |
| _DmpADDCoefX_MtrNm_u4p12[4]   | 14336       |  |
| _DmpADDCoefX_MtrNm_u4p12[5]   | 14746       |  |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 15155       |  |
| :_DmpADDCoefX_MtrNm_u4p12[7]  | 15565       |  |
| DmpADDCoefX_MtrNm_u4p12[8]  | 15974       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]   | 16384       |  |
| · · · · · · · · · · · · · · · · · · ·                               | 4192        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               |             |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                               | 4224        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                               | 4256        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                               | 4288        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                               | 4320        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                               | 4352        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                                  | 2408        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                                  | 2416        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                                  | 2424        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                                  | 2432        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                                  | 2440        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                                  | 2448        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                                     | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                                     | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                                     | 9830        |  |
| <br>_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                 | 11469       |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                            | 885         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                            | 986         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                            | 1087        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                            | 1188        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                            | 1288        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                            | 1389        |  |
|   |             |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                            | 1490        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                            | 1591        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                            | 1692        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                            | 1793        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                                    | 448         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                                    | 480         |  |
| _FDD_AttenTblY_Uls_u8p8[0]  | 93          |  |
| _FDD_AttenTblY_Uls_u8p8[1]  | 96          |  |
| _FDD_BlendTblY_Uls_u8p8[0]  | 10          |  |
| _FDD_BlendTblY_Uls_u8p8[1]  | 13          |  |
| _FDD_BlendTblY_Uls_u8p8[2]  | 15          |  |
| _FDD_BlendTblY_Uls_u8p8[3]  | 18          |  |
| _FDD_BlendTblY_Uls_u8p8[4]  | 20          |  |
| _FDD_BlendTblY_Uls_u8p8[5]  | 23          |  |
| _FDD_BlendTblY_Uls_u8p8[6]  | 26          |  |
| _FDD_BlendTblY_Uls_u8p8[7]  | 28          |  |
|   | _~          |  |
| :_FDD_BlendTblY_Uls_u8p8[8]   | 31          |  |

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| Name   | Input Value                       |                                |      |
|--|-----------------------------------|--------------------------------|------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 36                                |                                |      |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 38                                |                                |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 38                                |                                |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 51                                |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 64                                |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 77                                |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 90                                |                                |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 102                               |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 115                               |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 128                               |                                |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 141                               |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 154                               |                                |      |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 166                               |                                |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 179                               |                                |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 31                                |                                |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 32                                |                                |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 33                                |                                |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 35                                |                                |      |
| :_InrtCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[4]  | 36                                |                                |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 37                                |                                |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 38                                |                                |      |
| · · · · · · · · · · · · · · · · · · ·  | 40                                |                                |      |
| _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[7] InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[8] | 41                                |                                |      |
| _ , ,,   |                                   |                                |      |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 42<br>44                          |                                |      |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 45                                |                                |      |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  |                                   |                                |      |
| :_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 4915                              |                                |      |
| :_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 6554                              |                                |      |
| :_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 8192                              |                                |      |
| :_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 9830                              |                                |      |
| _RIAstWIRBIndTblY_Uls_u2p14[4]   | 11469                             |                                |      |
| _WIRBIndTbIX_MtrNm_u8p8[0]   | 794                               |                                |      |
| _WIRBIndTbIX_MtrNm_u8p8[1]   | 819                               |                                |      |
| :_WIRBIndTbIX_MtrNm_u8p8[2]  | 845                               |                                |      |
| :_WIRBIndTbIX_MtrNm_u8p8[3]  | 870                               |                                |      |
| :_WIRBIndTblX_MtrNm_u8p8[4]  | 896                               |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                                  | 7.3                               |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                                 | 500.4                             |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value                           | 0                                 |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 0                                 |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                                | 30.01                             |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                                     | 300.05                            |                                |      |
| gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                                  | 3.2                               |                                |      |
| gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                           | -2.2                              |                                |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist                       |                                   |                                |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor <sup>v</sup>            | /el_f tgt_FrqDepDmpnInrtCmp_Per1_ | CRFMotorVel_MtrRadpS_f32       |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr                        | mpSi tgt_FrqDepDmpnInrtCmp_Per1_  | FreqDepDmpSrlComSvcDft_Cnt_lgc |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm                         | pnIn tgt_FrqDepDmpnInrtCmp_Per1_  | FrqDepDmpnInrtCmp_MtrNm_f32    |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_                        | _Hwi tgt_FrqDepDmpnInrtCmp_Per1_  | HwTorque_HwNm_f32              |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon                       | Acce tgt_FrqDepDmpnInrtCmp_Per1_  | VehicleLonAccel_KphpS_f32      |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe                       | ed_I tgt_FrqDepDmpnInrtCmp_Per1_  | VehicleSpeed_Kph_f32           |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA                          | mpBl tgt_FrqDepDmpnInrtCmp_Per1_  | WIRCmdAmpBlnd_MtrNm_f32        |      |
| Name   | Actual Value                      | Expected Value                 | Resu |
| PreDecelGain I lls M f32   | 125690 984                        | 125690 985 + 0 0625            |      |

| 8  | .   0        | . – –                    |          |
|--|--------------|--------------------------|----------|
| Name   | Actual Value | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 125690.984   | 125690.985 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 232822.953   | 232822.9685 ± 0.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 350.610321   | 350.6103097 ± 0.00390625 | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 2.20000005   | 2.2 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 292.600006   | 292.6 ± 0.00390625       | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | 0            | 0 ± 0.00390625           | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.78252006   | 1.78252 ± 0.00390625     | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -2.20000005  | -2.2 ± 0.00048828125     | <b>✓</b> |



| T  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.6 (Repeat Count = 1)  | <b>→</b>                          |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 125793.16                         |
| Prev1PreAttnComp_MtrNm_M_f32  | -2.2                              |
| Prev1ScIDrvVel_RadpS_M_f32  | -160.3                            |
| Prev2PreAttnComp_MtrNm_M_f32  | -5.2                              |
| Prev2ScIDrvVel_RadpS_M_f32  | -301.2                            |
| PrevZsdiDiVVe_KaupS_W_32 PrevTbarAng_HwDeg_M_f32                            | -1.1549                           |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -1.5                              |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.47856                           |
|   | 40.4                              |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 4.5                               |
| k_CmnTbarStiff_NmpDeg_f32   | 200.05                            |
| k_DmpDecelGainFSlew_UlspS_f32   |                                   |
| k_DmpDecelGain_Uls_f32  | 3.2                               |
| k_DmpGainOffThresh_KphpS_f32  | 22.3                              |
| k_DmpGainOnThresh_KphpS_f32   | 45.6                              |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00003                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.6                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                             | 704                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                             | 814                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                             | 924                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                             | 1034                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                             | 1144                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                             | 1254                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                             | 1364                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                             | 1475                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                             | 1585                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                             | 1695                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                             | 885                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                             | 986                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                             | 1087                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                             | 1188                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                             | 1288                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                             | 1389                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                             | 1490                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                             | 1591                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]                             | 1692                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                             | 1793                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 64                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 80                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 96                                |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 112                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 128                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]   | 144                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][6]   | 160                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 176                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 192                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 208                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 224                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 240                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 80                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 96                                |
|   |                                   |

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| FrqDepDmpnInrtCmp_Per1                                     |             | TAZO (CAG |
|--|-------------|-----------|
| Name   | Input Value |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 112         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                            | 128         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                            | 144         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                            | 160         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                            | 176         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                            | 192         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                            | 208         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                            | 224         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                           | 240         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                           | 256         |           |
| t_CmnVehSpd_Kph_u9p7[0]                                    | 128         |           |
| t_CmnVehSpd_Kph_u9p7[1]                                    | 256         |           |
| t_CmnVehSpd_Kph_u9p7[2]                                    | 384         |           |
| t_CmnVehSpd_Kph_u9p7[3]                                    | 512         |           |
| t_CmnVehSpd_Kph_u9p7[4]                                    | 640         |           |
| t_CmnVehSpd_Kph_u9p7[5]                                    | 768<br>896  |           |
| t_CmnVehSpd_Kph_u9p7[6]                                    | 1024        |           |
| t_CmnVehSpd_Kph_u9p7[7]<br>t_CmnVehSpd_Kph_u9p7[8]         | 1152        |           |
| :_CmnVehSpd_Kph_u9p7[9]                                    | 1280        |           |
| t_CmnVehSpd_Kph_u9p7[10]                                   | 1408        |           |
| t_CmnVehSpd_Kph_u9p7[11]                                   | 1536        |           |
| t_DmpADDCoefX_MtrNm_u4p12[0]                               | 16794       |           |
| t_DmpADDCoefX_MtrNm_u4p12[1]                               | 17203       |           |
| t_DmpADDCoefX_MtrNm_u4p12[2]                               | 17613       |           |
| t_DmpADDCoefX_MtrNm_u4p12[3]                               | 18022       |           |
| t_DmpADDCoefX_MtrNm_u4p12[4]                               | 18432       |           |
| t_DmpADDCoefX_MtrNm_u4p12[5]                               | 18842       |           |
| t_DmpADDCoefX_MtrNm_u4p12[6]                               | 19251       |           |
| t_DmpADDCoefX_MtrNm_u4p12[7]                               | 19661       |           |
| t_DmpADDCoefX_MtrNm_u4p12[8]                               | 20070       |           |
| t_DmpADDCoefX_MtrNm_u4p12[9]                               | 20480       |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                       | 5792        |           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                      | 5824        |           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                      | 5856        |           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                      | 5888        |           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                      | 5920        |           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                      | 5952        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                         | 1208        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                         | 1216        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                         | 1224        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                         | 1232        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                         | 1240        |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                         | 1248        |           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                           | 6554        |           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                           | 8192        |           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                           | 9830        |           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                           | 11469       |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                            | 13107       |           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                  | 1066        |           |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                  | 1212        |           |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                  | 1359        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                   | 1506        |           |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                    | 1653        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                   | 1800        |           |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                  | 1946        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                   | 2093        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                   | 2240        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                   | 2387        |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                           | 512<br>560  |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                           | 116         |           |
| _FDD_AttenTblY_Uls_u8p8[0]                                 | 118         |           |
| _FDD_AttenTbIY_Uls_u8p8[1]<br>_FDD_BlendTbIY_Uls_u8p8[0]   | 13          |           |
|  | 15          |           |
| :_FDD_BlendTblY_Uls_u8p8[1]                                |             |           |
| :_FDD_BlendTblY_Uls_u8p8[2]                                | 18          |           |
| :_FDD_BlendTblY_Uls_u8p8[3]                                | 20          |           |
| :_FDD_BlendTblY_Uls_u8p8[4]                                | 23          |           |
| :_FDD_BlendTblY_Uls_u8p8[5]                                | 26<br>28    |           |
| t_FDD_BlendTblY_Uls_u8p8[6]                                | 31          |           |
| t_FDD_BlendTblY_Uls_u8p8[7]<br>t_FDD_BlendTblY_Uls_u8p8[8] | 33          |           |
|  |             |           |

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| Name  | Input Value  |                      |          |
|---|--------------|----------------------|----------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 38           |                      |          |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 41           |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 51           |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 64           |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 77           |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 90           |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 102          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 115          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 128          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 141          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 154          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 166          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 179          |                      |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 192          |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 46           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 47           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 49           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 50           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 51           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 52           |                      |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]   | 54           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[7]   | 55           |                      |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]   | 56           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 58           |                      |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]  | 59           |                      |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 60           |                      |          |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]   | 6554         |                      |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 8192         |                      |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 9830         |                      |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 11469        |                      |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 13107        |                      |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1050         |                      |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1075         |                      |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1101         |                      |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1126         |                      |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1152         |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -7.1         |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -500.5       |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 1            |                      |          |
|   | -5.2         |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 40.02        |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tgt FrqDepDmpnInrtCmp Per1 VehicleSpeed Kph f32.value                              | 400.02       |                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_verlicleSpeed_Rpn_i3z.value  | 4.1          |                      |          |
| tgt_rqbepDmpnInrtCmp_Feri_wiRCmaAmpBina_mtrNm_r3z.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                       | 2.5          |                      |          |
|   |              | and MtrNm f32        |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm   |              |                      |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_   |              |                      |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr |              | •                    |          |
|   |              | •                    |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw  |              |                      |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc  |              |                      |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  |              | ·                    |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE   |              | ·                    | D- 1     |
| Name  | Actual Value | Expected Value       | Result   |
| PreDecelGain_Uls_M_f32  | 125792.758   | 125792.7599 ± 0.0625 | <b>✓</b> |

| tg_rtte_mst_rp_rtqbepbmpmmtemp.rtqbepbmpmmtemp_rert_vmtemarar | ipbi (gt_r rqbopbinpinintomp_r t | T_VIIVOITA/IIIpBIIIa_IVIIIVIII_102 |          |
|---|----------------------------------|------------------------------------|----------|
| Name  | Actual Value                     | Expected Value                     | Result   |
| PreDecelGain_Uls_M_f32  | 125792.758                       | 125792.7599 ± 0.0625               | <b>✓</b> |
| Prev1PreAttnComp_MtrNm_M_f32                                  | 512151.25                        | 512151.2172 ± 0.9                  | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                    | -300.610382                      | -300.610367 ± 0.00390625           | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                  | -2.20000005                      | -2.2 ± 0.00048828125               | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                    | -160.300003                      | -160.3 ± 0.00390625                | ~        |
| PrevTbarAng_HwDeg_M_f32                                       | -1.15555549                      | -1.155555556 ± 0.00390625          | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                                | -0.939015687                     | -0.939021333 ± 0.00390625          | ~        |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value  | 2.5                              | 2.5 ± 0.00048828125                | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.7 (Repeat Count = 1)                                    |   |
|---|---|
| Name  | Input Value   |
| PreDecelGain_Uls_M_f32  | 125895.135  |
| Prev1PreAttnComp_MtrNm_M_f32  | 3.3   |
| Prev1SclDrvVel_RadpS_M_f32  | 2625.3  |
| Prev2PreAttnComp_MtrNm_M_f32  | 5.2   |
| Prev2SclDrvVel_RadpS_M_f32  | 157.2   |
| PrevTbarAng_HwDeg_M_f32   | 1.009   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signal | Path_Uls_   tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                                       | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| FbarVelFiltSv_M_str.SV_Uls_f32                                      | 1.5   |
| TbarVelFiltSv_M_str.K_Uls_f32                                       | 0.58963   |
| c_CmnSysKinRatio_MtrDegpHwDeg_f32                                   | 50.03   |
| <_CmnTbarStiff_NmpDeg_f32   | 5.2   |
| c_DmpDecelGainFSlew_UlspS_f32                                       | 300.06  |
| c_DmpDecelGain_Uls_f32  | 4.2   |
| c_DmpGainOffThresh_KphpS_f32  | 33.2  |
| k_DmpGainOnThresh_KphpS_f32   | 15.2  |
| <pre>c_InrtCmp_MtrInertia_KgmSq_f32</pre>                           | 0.00004   |
|   | 0.5   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                      | 885   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                      | 986   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                      | 1087  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                      | 1188  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                      | 1288  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                      | 1389  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                      | 1490  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                      | 1591  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]                      | 1692  |
| :2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]                     | 1793  |
|   | 1066  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                      |   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                      | 1212  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                      | 1359  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                      | 1506  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                      | 1653  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                      | 1800  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                      | 1946  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]                      | 2093  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                      | 2240  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                      | 2387  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 80  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                                      | 96  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]                                      | 112   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]                                      | 128   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]                                      | 144   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 160   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]                                      | 176   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 192   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]                                      | 208   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 224   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 240   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 256   |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 96  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                     | 112   |

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 144 t2 FDD FreqTblYM Hz u12p4[1][4] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 176 t2 FDD FregTblYM Hz u12p4[1][6] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 208 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 224 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 240 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 256 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 272 t\_CmnVehSpd\_Kph\_u9p7[0] 2560 t\_CmnVehSpd\_Kph\_u9p7[1] 3840 t\_CmnVehSpd\_Kph\_u9p7[2] 5120  $t\_CmnVehSpd\_Kph\_u9p7[3]$ 6400 7680 t\_CmnVehSpd\_Kph\_u9p7[4] t\_CmnVehSpd\_Kph\_u9p7[5] 8960 t\_CmnVehSpd\_Kph\_u9p7[6] 10240 t\_CmnVehSpd\_Kph\_u9p7[7] 11520 t\_CmnVehSpd\_Kph\_u9p7[8] 12800 t\_CmnVehSpd\_Kph\_u9p7[9] 14080 t\_CmnVehSpd\_Kph\_u9p7[10] 15360 t\_CmnVehSpd\_Kph\_u9p7[11] 16640 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 20890 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 21299 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 21709 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 22118 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 22528 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 22938 t DmpADDCoefX MtrNm u4p12[6] 23347 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 23757 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 24166 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 24576 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 9120 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 9152 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 9184 9216 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 9248 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 9280 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1608 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 1616 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1624 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 1632 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1640 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 1648  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 9830 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 11469 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 13107 t DmpFiltKpWIRBIndY Uls u2p14[4] 14746 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 1246 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 1638

2030

2422

2814

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3990

4382

4774

512

560 144

146

15

18

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23

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1]

t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[0]

t\_FDD\_BlendTblY\_Uls\_u8p8[1]

t FDD BlendTblY Uls u8p8[2]

t\_FDD\_BlendTbIY\_Uls\_u8p8[3]

t\_FDD\_BlendTblY\_Uls\_u8p8[4]

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| Name  | Input Value                     |                                |        |
|---|---------------------------------|--------------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 41                              |                                |        |
| t_FDD_BlendTbIY_Uls_u8p8[11]  | 44                              |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                               | 64                              |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                               | 77                              |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                               | 90                              |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                               | 102                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                               | 115                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                               | 128                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                               | 141                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                               | 154                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                               | 166                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                               | 179                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                              | 192                             |                                |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                              | 205                             |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                       | 61                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                       | 63                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                       | 64                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                       | 65                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                       | 67                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                       | 68                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                       | 69                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                       | 70                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                       | 72                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                       | 73                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                      | 74                              |                                |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                      | 76                              |                                |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]                                     | 8192                            |                                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]                                     | 9830                            |                                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]                                     | 11469                           |                                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]                                     | 13107                           |                                |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]                                     | 14746                           |                                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1306                            |                                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1331                            |                                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1357                            |                                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1382                            |                                |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1408                            |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value            | 6.2                             |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value           | 400.6                           |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value     | 1                               |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                  | 5.3                             |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value          | -10.05                          |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value               | 500.08                          |                                |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value            | 5.2                             |                                |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio     | -3.6                            |                                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist | Cmc tgt_FrqDepDmpnInrtCmp_Per1_ | BaseAssistCmd_MtrNm_f32        |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\  |                                 |                                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr  | mpSi tgt_FrqDepDmpnInrtCmp_Per1 | FreqDepDmpSrlComSvcDft_Cnt_lgc |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm   |                                 |                                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque   | .   0 = 1   1   1   -           |                                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon | -   0 - 1 - 1                   | ·                              |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe |                                 | · ·                            |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAi   | _ 0_ 1 1 1 1 -                  |                                |        |
| Name  | Actual Value                    | Expected Value                 | Resul  |
| PreDecelGain Uls M f32  | 125894.531                      | 125894.5349 ± 0.0625           | Result |
| Providence Atta Comp. Markley M. 622                                | 16662420                        | 123094.3349 ± 0.0023           |        |

| tg_rttc_mst_rp_rtqbopbmpmmtomp.rtqbopbmpmmtomp_rert_vmtoma/m | ipbi tgt_i iqbopbinpililitoinp_ | r or i_vviitoriia/iiipbiiia_iviii14ii_io2 |          |
|--|---------------------------------|---|----------|
| Name   | Actual Value                    | Expected Value                            | Result   |
| PreDecelGain_Uls_M_f32                                       | 125894.531                      | 125894.5349 ± 0.0625                      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 16663430                        | 16663430.49 ± 99.9                        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | 202.182922                      | 202.1828953 ± 0.00390625                  | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 3.29999995                      | 3.3 ± 0.00048828125                       | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 2625.30005                      | 2625.3 ± 0.00390625                       | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | 1.01923084                      | 1.019230769 ± 0.00390625                  | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 3.63177729                      | 3.631739231 ± 0.00390625                  | ✓        |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value | -3.5999999                      | -3.6 ± 0.00048828125                      | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.8 (Repeat Count = 1)                                      |                                   |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 125997.11                         |
| Prev1PreAttnComp_MtrNm_M_f32  | -3.3                              |
| Prev1ScIDrvVel_RadpS_M_f32  | -4021.3                           |
| Prev2PreAttnComp_MtrNm_M_f32  | -2.3                              |
| Prev2ScIDrvVel_RadpS_M_f32  | -363.2                            |
| PrevTbarAng_HwDeg_M_f32   | 0.159                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tat Rte Inst Ap FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -6.6                              |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.63214                           |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                     | 60.05                             |
| k_CmnTbarStiff_NmpDeg_f32   | 6.2                               |
| k_DmpDecelGainFSlew_UlspS_f32   | 400.05                            |
|   |                                   |
| <_DmpDecelGain_Uls_f32 <_DmpCainOffThreeh_KehpS_f33                   | 6.5                               |
| <pre>c_DmpGainOffThresh_KphpS_f32</pre>                               | 44.5                              |
| <_DmpGainOnThresh_KphpS_f32   | 20.6                              |
| <_InrtCmp_MtrInertia_KgmSq_f32  | 0.00008                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                  | 0.4                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                        | 1066                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                       | 1212                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                        | 1359                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                        | 1506                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                        | 1653                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                        | 1800                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]                       | 1946                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                       | 2093                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]                        | 2240                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]                       | 2387                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                        | 1246                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]                        | 1638                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]                        | 2030                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]                        | 2422                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                        | 2814                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                        | 3206                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                        | 3598                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                        | 3990                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                        | 4382                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                        | 4774                              |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 96                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 112                               |
| 2 FDD FreqTbIYM Hz u12p4[0][2]  | 128                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 144                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 160                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 176                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 192                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 208                               |
| 2_FDD_FreqTbIYM_Hz_u12p4[0][8]  | 224                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 240                               |
| z_rbb_rieq1bi1M_Hz_u12p4[0][9]<br>2_FDD_FreqTbIYM_Hz_u12p4[0][10]     | 256                               |
|   | 272                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][11]                                      |                                   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                       | 336                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                       | 352                               |

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| FrqDepDmpnInrtCmp_Per1                                     |                | TAACILAG |
|--|----------------|----------|
| Name   | Input Value    |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 368            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                            | 384            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                            | 400            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                            | 416            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                            | 432            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                            | 448            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                            | 464            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                            | 480            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                           | 496            |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                           | 512            |          |
| t_CmnVehSpd_Kph_u9p7[0]                                    | 12800          |          |
| t_CmnVehSpd_Kph_u9p7[1]                                    | 12928          |          |
| t_CmnVehSpd_Kph_u9p7[2]                                    | 13056          |          |
| t_CmnVehSpd_Kph_u9p7[3]                                    | 13184          |          |
| t_CmnVehSpd_Kph_u9p7[4]                                    | 13312          |          |
| t_CmnVehSpd_Kph_u9p7[5]                                    | 13440<br>13568 |          |
| t_CmnVehSpd_Kph_u9p7[6]<br>t_CmnVehSpd_Kph_u9p7[7]         | 13696          |          |
| t_CmnVehSpd_Kph_u9p7[8]                                    | 13824          |          |
| :_CmnVehSpd_Kph_u9p7[9]                                    | 13952          |          |
| :_CmnVehSpd_Kph_u9p7[10]                                   | 14080          |          |
| t_CmnVehSpd_Kph_u9p7[11]                                   | 14208          |          |
| t_DmpADDCoefX_MtrNm_u4p12[0]                               | 24986          |          |
| t_DmpADDCoefX_MtrNm_u4p12[1]                               | 25395          |          |
| t_DmpADDCoefX_MtrNm_u4p12[2]                               | 25805          |          |
| t_DmpADDCoefX_MtrNm_u4p12[3]                               | 26214          |          |
| t_DmpADDCoefX_MtrNm_u4p12[4]                               | 26624          |          |
| t_DmpADDCoefX_MtrNm_u4p12[5]                               | 27034          |          |
| t_DmpADDCoefX_MtrNm_u4p12[6]                               | 27443          |          |
| t_DmpADDCoefX_MtrNm_u4p12[7]                               | 27853          |          |
| t_DmpADDCoefX_MtrNm_u4p12[8]                               | 28262          |          |
| t_DmpADDCoefX_MtrNm_u4p12[9]                               | 28672          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                      | 32320          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                      | 32352          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                      | 32384          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                      | 32416          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                      | 32448          |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                      | 32480          |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                         | 2408           |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                         | 2416           |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                         | 2424           |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                         | 2432           |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                         | 2440           |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                         | 2448           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                           | 1638           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                           | 3277           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                           | 4915           |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                           | 6554           |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                            | 8192           |          |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                  | 1427           |          |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                  | 1655           |          |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                    | 1884           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                   | 2112           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                   | 2340           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                   | 2568           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                   | 2796           |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                  | 3024           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                   | 3252           |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                   | 3480           |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                           | 656<br>720     |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                           | 1720           |          |
| _FDD_AttenTblY_Uls_u8p8[0]                                 | 174            |          |
| _FDD_AttenTbIY_Uls_u8p8[1]<br>_FDD_BlendTbIY_Uls_u8p8[0]   | 174            |          |
| _FDD_BlendTbIY_UIS_u8p8[0]<br>_FDD_BlendTbIY_UIs_u8p8[1]   | 20             |          |
| :_FDD_BlendTbIY_UIs_u8p8[1]                                | 20 23          |          |
|  | 26             |          |
| _FDD_BlendTblY_Uls_u8p8[3]                                 | 28             |          |
| :_FDD_BlendTblY_Uls_u8p8[4]                                |                |          |
| :_FDD_BlendTblY_Uls_u8p8[5]                                | 31 33          |          |
| t_FDD_BlendTblY_Uls_u8p8[6]                                | 36             |          |
| t_FDD_BlendTblY_Uls_u8p8[7]<br>t_FDD_BlendTblY_Uls_u8p8[8] | 38             |          |
|  |                |          |

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| Name  | Input Value                              |                       |       |
|---|--|-----------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 44                                       |                       |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 46                                       |                       |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 154                                      |                       |       |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 166                                      |                       |       |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 179                                      |                       |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 192                                      |                       |       |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[4]   | 205                                      |                       |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 218                                      |                       |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 230                                      |                       |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 243                                      |                       |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 256                                      |                       |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 269                                      |                       |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 282                                      |                       |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 294                                      |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 77                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 78                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 79                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 81                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 82                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 83                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 84                                       |                       |       |
| · · · · · · · · · · · · · · · · · · ·   | 86                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[7] t InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[8] | 87                                       |                       |       |
|   |  |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 88                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 90                                       |                       |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 91                                       |                       |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 1638                                     |                       |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 3277                                     |                       |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 4915                                     |                       |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 6554                                     |                       |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 8192                                     |                       |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1562                                     |                       |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1587                                     |                       |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1613                                     |                       |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1638                                     |                       |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1664                                     |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                                    | -6.3                                     |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                                   | -1118                                    |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value                             | 0  |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 1.02                                     |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                                  | -20.01                                   |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                                       | 110.07                                   |                       |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                                    | 6.3                                      |                       |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                             | 3.5                                      |                       |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo                      |  |                       |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I                      | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV     | el_MtrRadpS_f32       |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS                        | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm     | pSrlComSvcDft_Cnt_lgc |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn                       | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp     | onInrtCmp_MtrNm_f32   |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI                       | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_     | HwNm_f32              |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc                      | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/   | Accel_KphpS_f32       |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_                      | I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec | ed_Kph_f32            |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB                         | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn      | npBInd_MtrNm_f32      |       |
| Name  | Actual Value                             | Expected Value        | Resul |

| Name   | Actual Value | Expected Value            | Result   |
|--|--------------|---------------------------|----------|
| PreDecelGain_Uls_M_f32                                       | 125996.313   | 125996.3099 ± 0.0625      | •        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -9984653     | -9984653.482 ± 9.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -447.704346  | -447.704346 ± 0.00390625  | •        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -3.29999995  | -3.3 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -4021.30005  | -4021.3 ± 0.00390625      | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 0.164516136  | 0.164516129 ± 0.00390625  | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -0.684389591 | -0.684393097 ± 0.00390625 | •        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value | 3.5          | 3.5 ± 0.00048828125       | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.9 (Repeat Count = 1)  |                                   |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 126099.085                        |
| Prev1PreAttnComp_MtrNm_M_f32  | 4.4                               |
| Prev1ScIDrvVel_RadpS_M_f32  | 1234.2                            |
| Prev2PreAttnComp_MtrNm_M_f32  | 2.3                               |
| Prev2SclDrvVel_RadpS_M_f32  | 4678.2                            |
| PrevTbarAng_HwDeg_M_f32   | -0.129                            |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa                 |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 6.2                               |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.014785                          |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 70.5                              |
| k_CmnTbarStiff_NmpDeg_f32   | 7.5                               |
| k_DmpDecelGainFSlew_UlspS_f32   | 500.02                            |
| k_DmpDecelGain_Uls_f32  | 5.6                               |
| k_DmpGainOffThresh_KphpS_f32  | 8.6                               |
| k_DmpGainOnThresh_KphpS_f32   | 25.2                              |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00009                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  | 0.3                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]                                       | 1246                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]                                       | 1638                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]                                       | 2030                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                                       | 2422                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                                       | 2814                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                                       | 3206                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                                       | 3598                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                                       | 3990                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]                                       | 4382                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                                       | 4774                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                                       | 1427                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                                       | 1655                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                                       | 1884                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                                       | 2112                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                                       | 2340                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                                       | 2568                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                                       | 2796                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                                       | 3024                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                                       | 3252                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                                       | 3480                              |
| t2_FDD_ADDK0illingTbTTM_MitNillipKaupS_ullTtpT7[1][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][0] | 336                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][1]                    | 352                               |
|   | 368                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][3]                    | 384                               |
|   | 400                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | - 1                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 416                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 432                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 448                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 464                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 480                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 496                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 512                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 656                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 672                               |

FrqDepDmpnInrtCmp\_Per1

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| Name   | Input Value |
|--|-------------|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 688         |
|  |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                            | 704         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                            | 720         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                            | 736         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                            | 752         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                            | 768         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                            | 784         |
|  |             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                            | 800         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                           | 816         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                           | 832         |
| t_CmnVehSpd_Kph_u9p7[0]                                    | 15488       |
| t_CmnVehSpd_Kph_u9p7[1]                                    | 15616       |
|  | 15744       |
| t_CmnVehSpd_Kph_u9p7[2]                                    |             |
| t_CmnVehSpd_Kph_u9p7[3]                                    | 15872       |
| t_CmnVehSpd_Kph_u9p7[4]                                    | 16000       |
| t_CmnVehSpd_Kph_u9p7[5]                                    | 16128       |
| t_CmnVehSpd_Kph_u9p7[6]                                    | 16256       |
| t_CmnVehSpd_Kph_u9p7[7]                                    | 16384       |
|  |             |
| t_CmnVehSpd_Kph_u9p7[8]                                    | 16512       |
| t_CmnVehSpd_Kph_u9p7[9]                                    | 16640       |
| t_CmnVehSpd_Kph_u9p7[10]                                   | 16768       |
| t_CmnVehSpd_Kph_u9p7[11]                                   | 16896       |
| t_DmpADDCoefX_MtrNm_u4p12[0]                               | 28262       |
|  |             |
| t_DmpADDCoefX_MtrNm_u4p12[1]                               | 28672       |
| t_DmpADDCoefX_MtrNm_u4p12[2]                               | 29082       |
| t_DmpADDCoefX_MtrNm_u4p12[3]                               | 29491       |
| t_DmpADDCoefX_MtrNm_u4p12[4]                               | 29901       |
| t_DmpADDCoefX_MtrNm_u4p12[5]                               | 30310       |
|  |             |
| t_DmpADDCoefX_MtrNm_u4p12[6]                               | 30720       |
| t_DmpADDCoefX_MtrNm_u4p12[7]                               | 31130       |
| t_DmpADDCoefX_MtrNm_u4p12[8]                               | 31539       |
| t_DmpADDCoefX_MtrNm_u4p12[9]                               | 31949       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                      | 30592       |
|  | 30624       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                      |             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                      | 30656       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                      | 30688       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                      | 30720       |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                      | 30752       |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                         | 384         |
|  | 392         |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                         |             |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                         | 400         |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                         | 408         |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                         | 416         |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                         | 424         |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                           | 3277        |
|  |             |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                           | 4915        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                           | 6554        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                           | 8192        |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                           | 9830        |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]                  | 1608        |
|  |             |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                  | 2032        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                  | 2455        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                  | 2878        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                  | 3302        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                  | 3725        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                  | 4148        |
|  |             |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                  | 4572        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                  | 4995        |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                  | 5419        |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]                          | 768         |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]                          | 800         |
|  | 218         |
| t_FDD_AttenTblY_Uls_u8p8[0]                                |             |
| t_FDD_AttenTblY_Uls_u8p8[1]                                | 220         |
| t_FDD_BlendTbIY_Uls_u8p8[0]                                | 20          |
| t_FDD_BlendTblY_Uls_u8p8[1]                                | 23          |
| t_FDD_BlendTblY_Uls_u8p8[2]                                | 26          |
| t_FDD_BlendTblY_Uls_u8p8[3]                                | 28          |
|  |             |
| t_FDD_BlendTblY_Uls_u8p8[4]                                | 31          |
| t_FDD_BlendTbIY_Uls_u8p8[5]                                |             |
|  | 33          |
| t_FDD_BlendTblY_Uls_u8p8[6]                                | 33<br>36    |
|  |             |
| t_FDD_BlendTblY_Uls_u8p8[6]<br>t_FDD_BlendTblY_Uls_u8p8[7] | 36<br>38    |
| t_FDD_BlendTblY_Uls_u8p8[6]                                | 36          |

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| Name   | Input Value                            |                      |         |
|--|--|----------------------|---------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 46                                     |                      |         |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 49                                     |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                | 179                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                | 192                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                | 205                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                | 218                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                | 230                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                | 243                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                | 256                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                | 269                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                | 282                                    |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                | 294                                    |                      |         |
| t InrtCmp ScaleFactorTblY Uls u9p7[10]                               | 307                                    |                      |         |
|  |  |                      |         |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                               | 320                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                        | 92                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                        | 93                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                        | 95                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                        | 96                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                        | 97                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                        | 99                                     |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                        | 100                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                        | 101                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                        | 102                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                        | 104                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                       | 105                                    |                      |         |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                       | 106                                    |                      |         |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]                                      | 3277                                   |                      |         |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                      | 4915                                   |                      |         |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]                                      | 6554                                   |                      |         |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]                                      | 8192                                   |                      |         |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]                                      | 9830                                   |                      |         |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1766                                   |                      |         |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1792                                   |                      |         |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1818                                   |                      |         |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1843                                   |                      |         |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1869                                   |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value             | 4.2                                    |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value            | 1118                                   |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value      | 0                                      |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                   | -1.03                                  |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value           | -30.05                                 |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                | 120.08                                 |                      |         |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value             | 7.1                                    |                      |         |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio      | -4.5                                   |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC | mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssi | istCmd_MtrNm_f32     |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe  |  |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm   |  |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn  | nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepD | mpnInrtCmp_MtrNm_f32 |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F  |  |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA |  |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee |  |                      |         |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm    |  |                      |         |
| Name   | Actual Value                           | Expected Value       | Result  |
| PreDecelGain_Uls_M_f32   | 126098.086                             | 126098.085 ± 0.0625  | - ROUGH |
| Prev1PreAttnComp_MtrNm_M_f32   | -3128609.5                             | -3128609.352 ± 9.9   |         |
| 1 107 11 107 Mail Ool in p_1910 14111_192                            | 0.120000.0                             | 0120000.002 £ 3.3    |         |

| 8  | .   0 = 1 1 1 1 = = | . – –                     |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126098.086          | 126098.085 ± 0.0625       | •        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -3128609.5          | -3128609.352 ± 9.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 340.747711          | 340.7476731 ± 0.00390625  | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 4.4000001           | 4.4 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 1234.19995          | 1234.2 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.137333333        | -0.137333333 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 6.04672861          | 6.046728833 ± 0.00390625  | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -4.5                | -4.5 ± 0.00048828125      | <b>✓</b> |



| Τ  |       |  |       |          |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | •        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | <b>~</b> |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | <b>~</b> |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.10 (Repeat Count = 1)  |  |
|--|--|
| Name   | Input Value  |
| PreDecelGain_Uls_M_f32   | 126201.06  |
| Prev1PreAttnComp_MtrNm_M_f32   | -4.4   |
| Prev1SclDrvVel_RadpS_M_f32   | -270.2   |
| Prev2PreAttnComp_MtrNm_M_f32   | -1.7   |
| Prev2SclDrvVel_RadpS_M_f32   | -15.3  |
| PrevTbarAng_HwDeg_M_f32  | 0.279  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath) | ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -5.5   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.025896   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 80.02  |
| k_CmnTbarStiff_NmpDeg_f32  | 8.8  |
| k_DmpDecelGainFSlew_UlspS_f32  | 600.06   |
| k_DmpDecelGain_Uls_f32   | 7.2  |
| k_DmpGainOffThresh_KphpS_f32   | 16.2   |
| k_DmpGainOnThresh_KphpS_f32  | 30.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.0001   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                     | 0.2  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                          | 1427   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                          | 1655   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                          | 1884   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                          | 2112   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                          | 2340   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                          | 2568   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                          | 2796   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                          | 3024   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                          | 3252   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                          | 3480   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                          | 1608   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                          | 2032   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                          | 2455   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                          | 2878   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                          | 3302   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                          | 3725   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]                          | 4148   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]                          | 4572   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]                          | 4995   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                          | 5419   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 656  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 672  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 688  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 704  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 720  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 736  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 752  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 768  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 784  |
| t2_FDD_reqTblYM_Hz_u12p4[0][9]   | 800  |
| t2_FDD_reqTblYM_Hz_u12p4[0][10]  | 816  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][11]     | 832  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 1296   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 1312   |
| iz_i DD_i ioqibirivi_riz_u izp4[i][i]                                    | 1012   |

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 1328 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 1344 t2 FDD FreqTblYM Hz u12p4[1][4] 1360 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 1376 t2 FDD FregTblYM Hz u12p4[1][6] 1392 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 1408 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 1424 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 1440 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 1456 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 1472 t\_CmnVehSpd\_Kph\_u9p7[0] 10368 t\_CmnVehSpd\_Kph\_u9p7[1] 10496 t\_CmnVehSpd\_Kph\_u9p7[2] 10624  $t\_CmnVehSpd\_Kph\_u9p7[3]$ 10752 10880 t\_CmnVehSpd\_Kph\_u9p7[4] t\_CmnVehSpd\_Kph\_u9p7[5] 11008 t\_CmnVehSpd\_Kph\_u9p7[6] 11136 t\_CmnVehSpd\_Kph\_u9p7[7] 11264 t\_CmnVehSpd\_Kph\_u9p7[8] 11392 t\_CmnVehSpd\_Kph\_u9p7[9] 11520 t\_CmnVehSpd\_Kph\_u9p7[10] 11648 t\_CmnVehSpd\_Kph\_u9p7[11] 11776 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 24986 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 25395 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 25805 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 26214 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 26624 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 27034 t DmpADDCoefX MtrNm u4p12[6] 27443 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 27853 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 28262 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 28672 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 27264 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 27296 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 27328 27360 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 27392 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 27424 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 3608 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 3616 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 3624 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 3632 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 3640 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 3648  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 9830 t DmpFiltKpWIRBIndY Uls u2p14[4] 11469 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 1789

2130

2471

2811

3152

3493

3834

4175

4515

4856

784

880 63

66

49

51

54

57

60

63

66

68

71

74

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1]

t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[0]

t\_FDD\_BlendTblY\_Uls\_u8p8[1]

t FDD BlendTblY Uls u8p8[2]

t\_FDD\_BlendTbIY\_Uls\_u8p8[3]

t\_FDD\_BlendTblY\_Uls\_u8p8[4]

t\_FDD\_BlendTblY\_Uls\_u8p8[5]

t\_FDD\_BlendTblY\_Uls\_u8p8[6]

t\_FDD\_BlendTblY\_Uls\_u8p8[7]

t\_FDD\_BlendTblY\_Uls\_u8p8[8]

t\_FDD\_BlendTblY\_Uls\_u8p8[9]

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| Name  | Input Value   |                      |       |
|---|---------------|----------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 77            |                      |       |
| t_FDD_BlendTbIY_Uls_u8p8[11]  | 80            |                      |       |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[0]                                 | 141           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                 | 154           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                 | 166           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                 | 179           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                 | 192           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                 | 205           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                 | 218           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                 | 230           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                 | 243           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                 | 256           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                | 269           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                | 282           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                         | 1             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                         | 3             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                         | 4             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                         | 5             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                         | 6             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                         | 8             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                         | 9             |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[7]                         | 10            |                      |       |
| : InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]                         | 12            |                      |       |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                         | 13            |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                        | 14            |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11]                        | 15            |                      |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]                                       | 4915          |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                       | 6554          |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]                                       | 8192          |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]                                       | 9830          |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]                                       | 11469         |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 410           |                      |       |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 435           |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 461           |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 486           |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 512           |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value              | -4.5          |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value             | 0             |                      |       |
|   | 1             |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value       |               |                      |       |
| gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                     | 2.5<br>-40.02 |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value            |               |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                 | 130.09        |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value              | 7.1           |                      |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio       | 4.3           | Cmd MtrNm f22        |       |
| igt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm |               |                      |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_  | _             |                      |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS   |               | •                    |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI   |               | ·                    |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv   |               |                      |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc | 0             |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed |               | •                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI   | <u> </u>      |                      |       |
| Name  | Actual Value  | Expected Value       | Resul |
| PreDecelGain_Uls_M_f32  | 126199.859    | 126199.8599 ± 0.0625 |       |

| 8  | .   0 = = =  | . – –                     |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126199.859   | 126199.8599 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -377091.875  | -377091.8717 ± 0.9        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -0.866061449 | -0.866061495 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -4.4000001   | -4.4 ± 0.00048828125      | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -270.200012  | -270.2 ± 0.00390625       | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | 0.284090906  | 0.284090909 ± 0.00390625  | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -5.29165506  | -5.291654909 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 4.30000019   | 4.3 ± 0.00048828125       | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.11 (Repeat Count = 1)                                       | · · · · · · · · · · · · · · · · · · ·                                  |
|---|--|
| Name  | Input Value  |
| PreDecelGain_Uls_M_f32  | 126303.035   |
| Prev1PreAttnComp_MtrNm_M_f32  | 5.5  |
| Prev1SclDrvVel_RadpS_M_f32  | 6789   |
| Prev2PreAttnComp_MtrNm_M_f32  | 1.7  |
| Prev2SclDrvVel_RadpS_M_f32  | 5322.2   |
| PrevTbarAng_HwDeg_M_f32   | -0.269   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath | h_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                                      |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 5.2  |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.03698  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                       | 90.02  |
| k_CmnTbarStiff_NmpDeg_f32   | 9.6  |
| k_DmpDecelGainFSlew_UlspS_f32   | 700.02   |
| k_DmpDecelGain_Uls_f32  | 8.5  |
| k_DmpGainOffThresh_KphpS_f32  | 24.1   |
| k_DmpGainOnThresh_KphpS_f32   | 35.3   |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.0008   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                    | 0.1  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                         | 1608   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                         | 2032   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                         | 2455   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                         | 2878   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                         | 3302   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                         | 3725   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                         | 4148   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                         | 4572   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                         | 4995   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                         | 5419   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                         | 1789   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                         | 2130   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]                         | 2471   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                         | 2811   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                         | 3152   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                         | 3493   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                         | 3834   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                         | 4175   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]                         | 4515   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]                         | 4856   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 1296   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 1312   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1328   |
| t2_FDD_rreqTblYM_Hz_u12p4[0][2]   | 1344   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]   | 1360   |
| tz_FDD_FreqTblYM_Hz_u12p4[0][4]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][5]      | 1376   |
| ız_FDD_FreqTbIYM_Hz_u12p4[0][6]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][6]      | 1392   |
| tz_FDD_FreqTblYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][7]      | 1408   |
| tz_FDD_FreqTbIYM_Hz_u12p4[0][7]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][8]      | 1424   |
|   | 1424   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 1440   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 1472   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]   | 1136   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 1152   |

FrqDepDmpnInrtCmp\_Per1

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| Name  | Input Value    |
|---|----------------|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                           | 1168           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                           | 1184           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                           | 1200           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                           | 1216           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                           | 1232           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                           | 1248           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                           | 1264           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                           | 1280           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                          | 1296           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                          | 1312           |
| t_CmnVehSpd_Kph_u9p7[0]                                   | 5248           |
| t_CmnVehSpd_Kph_u9p7[1]                                   | 5376           |
| t_CmnVehSpd_Kph_u9p7[2]                                   | 5504           |
| t_CmnVehSpd_Kph_u9p7[3]                                   | 5632           |
| t_CmnVehSpd_Kph_u9p7[4]                                   | 5760           |
| t_CmnVehSpd_Kph_u9p7[5]                                   | 5888           |
| t_CmnVehSpd_Kph_u9p7[6]                                   | 6016           |
| t_CmnVehSpd_Kph_u9p7[7]                                   | 6144           |
| t_CmnVehSpd_Kph_u9p7[8]                                   | 6272           |
| t_CmnVehSpd_Kph_u9p7[9]                                   | 6400           |
| t_CmnVehSpd_Kph_u9p7[10]                                  | 6528           |
| t_CmnVehSpd_Kph_u9p7[11]                                  | 6656           |
|   |                |
| t_DmpADDCoefX_MtrNm_u4p12[0] t DmpADDCoefX MtrNm u4p12[1] | 28262<br>28672 |
|   |                |
| t_DmpADDCoefX_MtrNm_u4p12[2]                              | 29082          |
| t_DmpADDCoefX_MtrNm_u4p12[3]                              | 29491          |
| t_DmpADDCoefX_MtrNm_u4p12[4]                              | 29901          |
| t_DmpADDCoefX_MtrNm_u4p12[5]                              | 30310          |
| t_DmpADDCoefX_MtrNm_u4p12[6]                              | 30720          |
| t_DmpADDCoefX_MtrNm_u4p12[7]                              | 31130          |
| t_DmpADDCoefX_MtrNm_u4p12[8]                              | 31539          |
| t_DmpADDCoefX_MtrNm_u4p12[9]                              | 31949          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                     | 14592          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                     | 14624          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                     | 14656          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                     | 14688          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                     | 14720          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                     | 14752          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                        | 288            |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                        | 296            |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                        | 304            |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                        | 312            |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                        | 320            |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                        | 328            |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                          | 6554           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                          | 8192           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                          | 9830           |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                          | 11469          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                          | 13107          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                 | 161            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                 | 328            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                 | 494            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                 | 661            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                 | 827            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                 | 994            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                 | 1160           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                 | 1326           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                 | 1493           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                 | 1659           |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]                         | 944            |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]                         | 960            |
| t_FDD_AttenTblY_Uls_u8p8[0]                               | 78             |
| t_FDD_AttenTblY_Uls_u8p8[1]                               | 80             |
| t_FDD_BlendTblY_Uls_u8p8[0]                               | 65             |
| t_FDD_BlendTblY_Uls_u8p8[1]                               | 68             |
| t_FDD_BlendTblY_Uls_u8p8[2]                               | 70             |
| t_FDD_BlendTblY_Uls_u8p8[3]                               | 73             |
|   | 75             |
| t_FDD_BlendTblY_Uls_u8p8[4]                               |                |
| t_FDD_BlendTblY_Uls_u8p8[5]                               | 78             |
| t_FDD_BlendTblY_Uls_u8p8[6]                               | 80             |
| t_FDD_BlendTblY_Uls_u8p8[7]                               | 83             |
| t_FDD_BlendTblY_Uls_u8p8[8]                               | 86             |
| t_FDD_BlendTblY_Uls_u8p8[9]                               | 88             |

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| Name  | Input Value                            |                     |          |
|---|--|---------------------|----------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 91                                     |                     |          |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 93                                     |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                   | 166                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                   | 179                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                   | 192                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                   | 205                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                   | 218                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                   | 230                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                   | 243                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                   | 256                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                   | 269                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                   | 282                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                  | 294                                    |                     |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                  | 307                                    |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                           | 15                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                           | 17                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                           | 18                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                           | 19                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                           | 20                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                           | 22                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                           | 23                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                           | 24                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                           | 26                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                           | 27                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                          | 28                                     |                     |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                          | 29                                     |                     |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 6554                                   |                     |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 8192                                   |                     |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 9830                                   |                     |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 11469                                  |                     |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 13107                                  |                     |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 666                                    |                     |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 691                                    |                     |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 717                                    |                     |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 742                                    |                     |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 768                                    |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                | 3.1                                    |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value               | -350.2                                 |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value         | 0                                      |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                      | -2.6                                   |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value              | 11.02                                  |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                   | 140.02                                 |                     |          |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                | 1.1                                    |                     |          |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio         | -5.2                                   |                     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC | Cmd_MtrNm_f32       |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I  | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe  | el_MtrRadpS_f32     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS    |  |                     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn   | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | nInrtCmp_MtrNm_f32  |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F  | HwNm_f32            |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcco | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | accel_KphpS_f32     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  |  |                     |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB     | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | pBInd_MtrNm_f32     |          |
| Name  | Actual Value                           | Expected Value      | Result   |
| PreDecelGain_Uls_M_f32  | 126301.633                             | 126301.635 ± 0.0625 |          |
| Prev1PreAttnComp_MtrNm_M_f32  | 1181610.88                             | 1181610.552 ± 9.9   | <b>✓</b> |

| 8  | .   0 = 1 1 1 1 = = | . – –                     |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126301.633          | 126301.635 ± 0.0625       | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 1181610.88          | 1181610.552 ± 9.9         | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -33.2495117         | -33.24951101 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 5.5                 | 5.5 ± 0.00048828125       | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 6789                | 6789 ± 0.00390625         | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.270833313        | -0.270833333 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 4.9738059           | 4.973805667 ± 0.00390625  | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -5.19999981         | -5.2 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | -        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | -        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.12 (Repeat Count = 1)  |                                   |
|--|-----------------------------------|
|  | Input Value                       |
|  | 126405.01                         |
|  | -5.5                              |
| Prev1ScIDrvVel_RadpS_M_f32   | -37.03                            |
| Prev2PreAttnComp_MtrNm_M_f32   | -8.3                              |
| Prev2SclDrvVel_RadpS_M_f32   | -42.2                             |
|  | 2.459                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ |                                   |
|  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
|  | -4.2                              |
|  | 0.02547                           |
|  | 11.12                             |
|  | 1.5                               |
|  | 800.01                            |
|  |                                   |
|  | 9.5                               |
|  | 32.3                              |
| - 1 - 1 - 1  | 40.2<br>0.00009                   |
|  |                                   |
| ,  | 0.9                               |
|  | 1789                              |
| ,                                      | 2130                              |
|  | 2471                              |
|  | 2811                              |
|  | 3152                              |
| ,                                      | 3493                              |
|  | 3834                              |
| ,                                      | 4175                              |
|  | 4515                              |
| ,                                      | 4856                              |
|  | 1608                              |
|  | 2032                              |
|  | 2455                              |
|  | 2878                              |
|  | 3302                              |
| 0 _ 1 1 _ 1 1 1 1 1 1 1 1 1 1 1 1 1  | 3725                              |
|  | 4148                              |
| ,                                      | 4572                              |
|  | 4995                              |
|  | 5419                              |
|  | 1136                              |
| ,                                      | 1152                              |
|  | 1168                              |
|  | 1184                              |
| , ,  | 1200                              |
| , , , , , , , ,  | 1216                              |
|  | 1232                              |
|  | 1248                              |
| ,                                      | 1264                              |
|  | 1280                              |
|  | 1296                              |
|  | 1312                              |
|  | 176                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 192                               |

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| Name                                      | Input Value |  |
|---|-------------|--|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]           | 208         |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]           | 224         |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]           | 240         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]            | 256         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]            | 272         |  |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][7]           | 288         |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][8]           | 304         |  |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][9]           | 320         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][10]          | 336         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][11]          | 352         |  |
| t_CmnVehSpd_Kph_u9p7[0]                   | 3968        |  |
| :_CmnVehSpd_Kph_u9p7[1]                   | 4096        |  |
| :_CmnVehSpd_Kph_u9p7[2]                   | 4224        |  |
| :_CmnVehSpd_Kph_u9p7[3]                   | 4352        |  |
| :_CmnVehSpd_Kph_u9p7[4]                   | 4480        |  |
|   |             |  |
| _CmnVehSpd_Kph_u9p7[5]                    | 4608        |  |
| :_CmnVehSpd_Kph_u9p7[6]                   | 4736        |  |
| :_CmnVehSpd_Kph_u9p7[7]                   | 4864        |  |
| :_CmnVehSpd_Kph_u9p7[8]                   | 4992        |  |
| _CmnVehSpd_Kph_u9p7[9]                    | 5120        |  |
| :_CmnVehSpd_Kph_u9p7[10]                  | 5248        |  |
| :_CmnVehSpd_Kph_u9p7[11]                  | 5376        |  |
| _DmpADDCoefX_MtrNm_u4p12[0]               | 4506        |  |
| :_DmpADDCoefX_MtrNm_u4p12[1]              | 4915        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]               | 5325        |  |
| :_DmpADDCoefX_MtrNm_u4p12[3]              | 5734        |  |
| :_DmpADDCoefX_MtrNm_u4p12[4]              | 6144        |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]              | 6554        |  |
| :_DmpADDCoefX_MtrNm_u4p12[6]              | 6963        |  |
| :_DmpADDCoefX_MtrNm_u4p12[7]              | 7373        |  |
| _DmpADDCoefX_MtrNm_u4p12[8]               | 7782        |  |
| t_DmpADDCoefX_MtrNm_u4p12[9]              | 8192        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]      | 20960       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]     | 20992       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]     | 21024       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]     | 21056       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]     | 21088       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]     | 21120       |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]        | 384         |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]        | 392         |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]        | 400         |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]        | 408         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[4]        | 416         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[5]        | 424         |  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[0]          | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]           | 9830        |  |
| : DmpFiltKpWIRBIndY Uls u2p14[1]          | 11469       |  |
|   |             |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]           | 13107       |  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[4]          | 14746       |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 342         |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] | 683         |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 1024        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 1364        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 1705        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 2046        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 2387        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 2728        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 3068        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]  | 3409        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]          | 1008        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]          | 1040        |  |
| _FDD_AttenTblY_Uls_u8p8[0]                | 106         |  |
| _FDD_AttenTblY_Uls_u8p8[1]                | 109         |  |
| _FDD_BlendTblY_Uls_u8p8[0]                | 93          |  |
| _FDD_BlendTblY_Uls_u8p8[1]                | 96          |  |
| :_FDD_BlendTblY_Uls_u8p8[2]               | 99          |  |
|   | 101         |  |
| _FDD_BlendTblY_Uls_u8p8[4]                | 104         |  |
| :_FDD_BlendTblY_Uls_u8p8[5]               | 106         |  |
| _FDD_BlendTblY_Uls_u8p8[6]                | 109         |  |
| :_FDD_BlendTblY_Uls_u8p8[7]               | 111         |  |
| t_FDD_BlendTblY_Uls_u8p8[8]               | 114         |  |
|   |             |  |

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| Name  | Input Value     |                    |        |
|---|-----------------|--------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 119             |                    |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 122             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 205             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 218             |                    |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[2]   | 230             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 243             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 256             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 269             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 282             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 294             |                    |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]   | 307             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 320             |                    |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[10]  | 333             |                    |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 346             |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 31              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 32              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 33              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 35              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 36              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 37              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 38              |                    |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]   | 40              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   | 41              |                    |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]   | 42              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 44              |                    |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 45              |                    |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]   | 8192            |                    |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]   | 9830            |                    |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]   | 11469           |                    |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]   | 13107           |                    |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]   | 14746           |                    |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 922             |                    |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 947             |                    |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 973             |                    |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 998             |                    |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]   | 1024            |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -3.2            |                    |        |
|   |                 |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | 350.3           |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value<br>tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value | 3.7             |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_Hw1orque_Hwnni_i32.value   | 22.03           |                    |        |
|   |                 |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 150.03          |                    |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  | 5.3             |                    |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio   |                 | tCmd MtrNm f32     |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  |                 |                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_   |                 | •                  |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmps  |                 |                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr   |                 | · · · · ·          |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw  |                 |                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc  |                 | • •                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_  | 0= 1 1 1 1= = 1 | •                  |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB   |                 |                    |        |
| Name  | Actual Value    | Expected Value     | Result |
| PreDecelGain_Uls_M_f32  | 126403.406      | 126403.41 ± 0.0625 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32  | -343428.688     | -343428.7798 ± 0.9 | ~      |

| <u> </u>   | .   0 = 1 1 1 1 1 - 1 - 1 |                          |          |
|--|---------------------------|--------------------------|----------|
| Name   | Actual Value              | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 126403.406                | 126403.41 ± 0.0625       | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -343428.688               | -343428.7798 ± 0.9       | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | 314.997375                | 314.9973886 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -5.5                      | -5.5 ± 0.00048828125     | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -37.0299988               | -37.03 ± 0.00390625      | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | 2.4666667                 | 2.466666667 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -3.99539185               | -3.995391 ± 0.00390625   | ✓        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 5.30000019                | 5.3 ± 0.00048828125      | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.13 (Repeat Count = 1)                                    |  |
|--|--|
| Name   | Input Value  |
| PreDecelGain_Uls_M_f32   | 126506.985   |
| Prev1PreAttnComp_MtrNm_M_f32   | 6.6  |
| Prev1SclDrvVel_RadpS_M_f32   | 26.02  |
| Prev2PreAttnComp_MtrNm_M_f32   | 8.3  |
| Prev2SclDrvVel_RadpS_M_f32   | 17.2   |
| PrevTbarAng_HwDeg_M_f32  | -1.51  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP | Path_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32                                       | 4.3  |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.02145  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                    | 22.13  |
| k_CmnTbarStiff_NmpDeg_f32  | 2.5  |
| k_DmpDecelGainFSlew_UlspS_f32  | 900.03   |
| k_DmpDecelGain_Uls_f32   | 1.1  |
| k_DmpGainOffThresh_KphpS_f32   | 40.2   |
| k_DmpGainOnThresh_KphpS_f32  | 45.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.0001   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                 | 0.8  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                      | 1608   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                      | 2032   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                      | 2455   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                      | 2878   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                      | 3302   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                      | 3725   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                      | 4148   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                      | 4572   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                      | 4995   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                      | 5419   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                      | 1789   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                      | 2130   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                      | 2471   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]                      | 2811   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]                      | 3152   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]                      | 3493   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]                      | 3834   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]                      | 4175   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]                      | 4515   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]                      | 4856   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 176  |
| t2_FDD_treqTblYM_Hz_u12p4[0][0]                                      | 192  |
| t2_FDD_reqTblYM_Hz_u12p4[0][1]                                       | 208  |
| t2_FDD_reqTblYM_Hz_u12p4[0][2]                                       | 224  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 240  |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][5]   | 256  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 272  |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][6]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][7]   | 288  |
| tz_FDD_FreqTbIYM_Hz_u12p4[0][7]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][8]   | 304  |
|  | 320  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                      | 336  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 352  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 496  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                      | 512  |

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| Name   | Input Value  |  |
|--|--------------|--|
| Name<br>l2_FDD_FreqTblYM_Hz_u12p4[1][2]                    | 528          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]                             | 544          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]                             | 560          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]                             | 576          |  |
|  | 592          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]                             | 608          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]                             | 624          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]                             | 640          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]                            | 656          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]                            | 672          |  |
| _CmnVehSpd_Kph_u9p7[0]                                     | 128          |  |
| _CmnVehSpd_Kph_u9p7[1]                                     | 256          |  |
| _CmnVehSpd_Kph_u9p7[2]                                     | 384          |  |
| _CmnVehSpd_Kph_u9p7[3]                                     | 512          |  |
| _CmnVehSpd_Kph_u9p7[4]                                     | 640          |  |
| _CmnVehSpd_Kph_u9p7[5]                                     | 768          |  |
| _CmnVehSpd_Kph_u9p7[6]                                     | 896          |  |
| _CmnVehSpd_Kph_u9p7[7]                                     | 1024         |  |
| _CmnVehSpd_Kph_u9p7[8]                                     | 1152         |  |
| _CmnVehSpd_Kph_u9p7[9]                                     | 1280         |  |
| _CmnVehSpd_Kph_u9p7[10]                                    | 1408         |  |
| _CmnVehSpd_Kph_u9p7[11]                                    | 1536         |  |
| _DmpADDCoefX_MtrNm_u4p12[0]                                | 8602         |  |
| _DmpADDCoefX_MtrNm_u4p12[1]                                | 9011         |  |
| _DmpADDCoefX_MtrNm_u4p12[2]                                | 9421<br>9830 |  |
| _DmpADDCoefX_MtrNm_u4p12[3]<br>_DmpADDCoefX_MtrNm_u4p12[4] | 10240        |  |
| _DmpADDCoetX_MtrNm_u4p12[4]                                | 10650        |  |
| _DmpADDCoefX_MtrNm_u4p12[6]                                | 11059        |  |
| _DmpADDCcetX_MtrNm_u4p12[7]                                | 11469        |  |
| _DmpADDCoefX_MtrNm_u4p12[8]                                | 11878        |  |
| _DmpADDCoefX_MtrNm_u4p12[9]                                | 12288        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                       | 25216        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]                       | 25248        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]                       | 25280        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]                       | 25312        |  |
|  | 25344        |  |
|  | 25376        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]                          | 448          |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]                          | 456          |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]                          | 464          |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]                          | 472          |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]                          | 480          |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]                          | 488          |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                            | 1638         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]                            | 3277         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                            | 4915         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                            | 6554         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                            | 8192         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                   | 523          |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                   | 1038         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                   | 1553         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                   | 2068         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                   | 2583         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                   | 3099         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                   | 3614         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                   | 4129         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                   | 4644         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                   | 5159         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                           | 1088         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                           | 1120         |  |
| _FDD_AttenTblY_Uls_u8p8[0]                                 | 129          |  |
| _FDD_AttenTblY_Uls_u8p8[1]                                 | 131          |  |
| _FDD_BlendTblY_Uls_u8p8[0]                                 | 116          |  |
| _FDD_BlendTblY_Uls_u8p8[1]                                 | 118          |  |
| _FDD_BlendTblY_Uls_u8p8[2]                                 | 121          |  |
| _FDD_BlendTblY_Uls_u8p8[3]                                 | 123          |  |
| _FDD_BlendTblY_Uls_u8p8[4]                                 | 126          |  |
| _FDD_BlendTblY_Uls_u8p8[5]                                 | 129          |  |
| :_FDD_BlendTblY_Uls_u8p8[6]                                | 131<br>134   |  |
| _FDD_BlendTblY_Uls_u8p8[7]                                 | 134          |  |
| :_FDD_BlendTbIY_Uls_u8p8[8]                                | 130          |  |

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| Name   | Input Value                              |                        |        |
|--|--|------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 141                                      |                        |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 144                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 218                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 230                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 243                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 256                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 269                                      |                        |        |
| t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[5]  | 282                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 294                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 307                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 320                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 333                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 346                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 358                                      |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 46                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 47                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 49                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 50                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 51                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 52                                       |                        |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]  | 54                                       |                        |        |
|  | 55                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] t InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 56                                       |                        |        |
|  |  |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 58                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 59<br>60                                 |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   |  |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 1638                                     |                        |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]  | 3277                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 4915                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 6554                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 8192                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]  | 1178                                     |                        |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1203                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1229                                     |                        |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1254                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 1280                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | -8.8                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | -400.2                                   |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1  |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -3.8                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | 33.05                                    |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 160.01                                   |                        |        |
| $tgt\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBInd\_MtrNm\_f32.value$  | 3.3                                      |                        |        |
| $tgt\_Rte\_Call\_Ap\_FrqDepDmpnInrtCmp\_FltInjection\_SCom\_FltInjectio$   | -6.2                                     |                        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmpstarter (Compared to the Compared to t$   | c tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0 | Cmd_MtrNm_f32          |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_Inst\_Ap\_Inst\_Ap\_Inst\_Ap\_Inst\_Ap\_Inst\_Ap\_InstAp\_$ | l tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV   | el_MtrRadpS_f32        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpStart = 0.0000000000000000000000000000000000$  | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm     | npSrlComSvcDft_Cnt_lgc |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnI$   | n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | onInrtCmp_MtrNm_f32    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_l    | HwNm_f32               |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAcception (Compared to the Compared to th$   | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA   | Accel_KphpS_f32        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst_Ap\_FrqDepDmpnInrtCmp\_Inst_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_Inst_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_$   | I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | ed_Kph_f32             |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI  | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm      | npBInd_MtrNm_f32       |        |
| Name   | Actual Value                             | Expected Value         | Result |
| Dra Decal Cain I II a M 622  | 120505 100                               | 100505 1010 - 0 0005   |        |

| 8  | .   0 = 1 1 1 1 = = | . – –                     |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126505.188          | 126505.1849 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 1010980             | 1010980.109 ± 9.9         | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -319.417603         | -319.4175991 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 6.5999999           | 6.6 ± 0.00048828125       | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 26.0200005          | 26.02 ± 0.00390625        | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -1.51999998         | -1.52 ± 0.00390625        | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 4.10051537          | 4.100515 ± 0.00390625     | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -6.19999981         | -6.2 ± 0.00048828125      | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.14 (Repeat Count = 1)                                       |   |
|---|---|
| Name  | Input Value   |
| PreDecelGain_Uls_M_f32  | 126608.96   |
| Prev1PreAttnComp_MtrNm_M_f32  | -6.6  |
| Prev1SclDrvVel_RadpS_M_f32  | -33.05  |
| Prev2PreAttnComp_MtrNm_M_f32  | -7.5  |
| Prev2SclDrvVel_RadpS_M_f32  | -922.3  |
| PrevTbarAng_HwDeg_M_f32   | 1.16  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signature) | alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -3.5  |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.03692   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                       | 33.15   |
| k_CmnTbarStiff_NmpDeg_f32   | 3.5   |
| k_DmpDecelGainFSlew_UlspS_f32   | 1000.05   |
| k_DmpDecelGain_Uls_f32  | 1.5   |
| k_DmpGainOffThresh_KphpS_f32  | 48.2  |
| k_DmpGainOnThresh_KphpS_f32   | 47.6  |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00011   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                    | 0.99  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                         | 1789  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                         | 2130  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                         | 2471  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                         | 2811  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                         | 3152  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                         | 3493  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                         | 3834  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                         | 4175  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                         | 4515  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                         | 4856  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                         | 161   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                         | 328   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                         | 494   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                         | 661   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                         | 827   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                         | 994   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                         | 1160  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                         | 1326  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                         | 1493  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                         | 1659  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 496   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 512   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 528   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 544   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 560   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 576   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 592   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 608   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 624   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 640   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]  | 656   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 672   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]  | 64  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]   | 80  |
|   |   |

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| гідоеропірпіпістір_гегі   |              | GEO   GA |
|---|--------------|----------|
| Name  | Input Value  |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 96           |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 112          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 128          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 144          |          |
| 2_FDD_FreqTbIYM_Hz_u12p4[1][6]  | 160          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 176          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 192          |          |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 208          |          |
| 2_FDD_FreqTbIYM_Hz_u12p4[1][10]<br>2_FDD_FreqTbIYM_Hz_u12p4[1][11]                  | 224<br>240   |          |
| _CmnVehSpd_Kph_u9p7[0]  | 2560         |          |
| _CmnVehSpd_Kph_u9p7[1]  | 3840         |          |
| _CmnVehSpd_Kph_u9p7[2]  | 5120         |          |
| _CmnVehSpd_Kph_u9p7[3]  | 6400         |          |
| _CmnVehSpd_Kph_u9p7[4]  | 7680         |          |
| _CmnVehSpd_Kph_u9p7[5]  | 8960         |          |
| _CmnVehSpd_Kph_u9p7[6]  | 10240        |          |
| _CmnVehSpd_Kph_u9p7[7]  | 11520        |          |
| _CmnVehSpd_Kph_u9p7[8]  | 12800        |          |
| _CmnVehSpd_Kph_u9p7[9]  | 14080        |          |
| _CmnVehSpd_Kph_u9p7[10]   | 15360        |          |
| _CmnVehSpd_Kph_u9p7[11]   | 16640        |          |
| _DmpADDCoefX_MtrNm_u4p12[0]   | 4506         |          |
| _DmpADDCoefX_MtrNm_u4p12[1]   | 4915         |          |
| _DmpADDCoefX_MtrNm_u4p12[2]   | 5325         |          |
| _DmpADDCoefX_MtrNm_u4p12[3]   | 5734         |          |
| _DmpADDCoefX_MtrNm_u4p12[4]   | 6144         |          |
| _DmpADDCoefX_MtrNm_u4p12[5]   | 6554         |          |
| _DmpADDCoefX_MtrNm_u4p12[6]   | 6963         |          |
| _DmpADDCoefX_MtrNm_u4p12[7]   | 7373         |          |
| _DmpADDCoefX_MtrNm_u4p12[8]<br>_DmpADDCoefX_MtrNm_u4p12[9]                          | 7782<br>8192 |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]  | 3264         |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]  | 3296         |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]  | 3328         |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 3360         |          |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]  | 3392         |          |
|   | 3424         |          |
| _DmpDecelGainSlewY_UlspS_u13p3[0]   | 680          |          |
| _DmpDecelGainSlewY_UlspS_u13p3[1]   | 688          |          |
| _DmpDecelGainSlewY_UlspS_u13p3[2]   | 696          |          |
| _DmpDecelGainSlewY_UlspS_u13p3[3]   | 704          |          |
| _DmpDecelGainSlewY_UlspS_u13p3[4]   | 712          |          |
| _DmpDecelGainSlewY_UlspS_u13p3[5]   | 720          |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]   | 3277         |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]   | 4915         |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]   | 6554         |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]   | 8192         |          |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 9830         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]  | 704          |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 814          |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 924          |          |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]   | 1034         |          |
| _FDD_ADDStatic1blY_MtrNmpRadpS_um1p17[4] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 1144<br>1254 |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 1364         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_umTp17[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 1475         |          |
| _FDD_ADDStaticToff_MithNinpRadpS_um1p17[7] _FDD_ADDStaticTbfY_MtrNmpRadpS_um1p17[8] | 1585         |          |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 1695         |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]  | 1152         |          |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]  | 1200         |          |
| _FDD_AttenTblY_Uls_u8p8[0]  | 157          |          |
| _FDD_AttenTblY_Uls_u8p8[1]  | 161          |          |
| FDD_BlendTblY_Uls_u8p8[0]   | 144          |          |
| _FDD_BlendTblY_Uls_u8p8[1]  | 146          |          |
| _FDD_BlendTblY_Uls_u8p8[2]  | 149          |          |
| _FDD_BlendTblY_Uls_u8p8[3]  | 152          |          |
| _FDD_BlendTblY_Uls_u8p8[4]  | 154          |          |
| _FDD_BlendTblY_Uls_u8p8[5]  | 157          |          |
| _FDD_BlendTblY_Uls_u8p8[6]  | 159          |          |
| _FDD_BlendTbIY_Uls_u8p8[7]  | 162          |          |
| :_FDD_BlendTblY_Uls_u8p8[8]   | 164          |          |
| LI DD_Diena rori _Ois_aopo[o]   |              |          |

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| Name  | Input Value  |                      |        |
|---|--------------|----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 169          |                      |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 172          |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                 | 13           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                 | 26           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                 | 38           |                      |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[3]                                 | 51           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                 | 64           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                 | 77           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                 | 90           |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                 | 102          |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                 | 115          |                      |        |
| t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[9]                                 | 128          |                      |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[10]                                | 141          |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                | 154          |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                         | 61           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                         | 63           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                         | 64           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                         | 65           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                         | 67           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                         | 68           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                         | 69           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                         | 70           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                         | 72           |                      |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]                         | 73           |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                        | 74           |                      |        |
| t_InrtCmp_TBarVel_ccaleFactorTblY_Uls_u9p7[11]                        | 76           |                      |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]                                       | 3277         |                      |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]                                       | 4915         |                      |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]                                       | 6554         |                      |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]                                       | 8192         |                      |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[4]                                       | 9830         |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 1434         |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1459         |                      |        |
|   | 1485         |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]<br>t_WIRBIndTbIX_MtrNm_u8p8[3]            | 1510         |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1536         |                      |        |
|   | 8.8          |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value              | 300.6        |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value             |              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value       | 0            |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                    | 4.1          |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value            | -11.02       |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                 | 170.02       |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value              | 4.4          |                      |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio       | 6.1          | Canad Mitablan 192   |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr |              |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel  |              | ·                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp   |              | •                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn   |              |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H   |              |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc |              |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed | _ 0 _ 1      | •                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp    |              | 1                    |        |
| Name  | Actual Value | Expected Value       | Result |
| PreDecelGain_Uls_M_f32  | 126606.961   | 126606.9599 ± 0.0625 | ~      |

| tg_rtte_mst_rtp_rtqbepbmpmmtemp:rtqbepbmpmmtemp_rert_vmtema/m | npb   tgt_r rqbopbmpmmtomp_r | cri_vviitoma/mpbina_iviitviii_ioz |          |
|---|------------------------------|-----------------------------------|----------|
| Name  | Actual Value                 | Expected Value                    | Result   |
| PreDecelGain_Uls_M_f32  | 126606.961                   | 126606.9599 ± 0.0625              | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                  | 1334381.63                   | 1334381.785 ± 9.9                 | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                    | 296.508514                   | 296.5085113 ± 0.00390625          | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                  | -6.5999999                   | -6.6 ± 0.00048828125              | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                    | -33.0499992                  | -33.05 ± 0.00390625               | ✓        |
| PrevTbarAng_HwDeg_M_f32                                       | 1.17142856                   | 1.171428571 ± 0.00390625          | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                                | -3.15980816                  | -3.159808571 ± 0.00390625         | ✓        |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value  | 6.0999999                    | 6.1 ± 0.00048828125               | <b>✓</b> |



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|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |
| DecelGain  | 1     | DecelGain  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~      |
| Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached        | 1     | Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached        | 1     | _      |

| Test Step 3.15 (Repeat Count = 1)               |                                   |
|---|-----------------------------------|
|   | Input Value                       |
|   | 126710.935                        |
| PreDecelGain_Uls_M_f32                          |                                   |
| ·   | 7.7                               |
| Prev1ScIDrvVel_RadpS_M_f32                      | 18.03                             |
|   | 7.5                               |
| ·   | 28.5                              |
| PrevTbarAng_HwDeg_M_f32                         | -0.92                             |
|   |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
|   | 5.2                               |
|   | 0.01258                           |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32               | 44.51                             |
| , •   | 4.5                               |
| k_DmpDecelGainFSlew_UlspS_f32                   | 1100.02                           |
| k_DmpDecelGain_Uls_f32                          | 1.9                               |
|   | 4.2                               |
| - ,   | 30.2                              |
| - '   | 0.00012                           |
|   | 0.6                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 161                               |
|   | 328                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] | 494                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 661                               |
|   | 827                               |
| ,         | 994                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 1160                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 1493                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 1659                              |
|   | 342                               |
|   | 683                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1024                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1364                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1705                              |
|   | 2046                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 2387                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 2728                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 3068                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 3409                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                 | 1392                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]                 | 1408                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]                 | 1424                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]                 | 1440                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]                 | 1456                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]                 | 1472                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][6]                 | 1488                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]                 | 1504                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][8]                 | 1520                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][9]                 | 1536                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                | 1552                              |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][11]                | 1568                              |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                 | 80                                |
| 12_1 DD_1 Ted 1011101_112_012p4[1][0]           |                                   |

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| FrqDepDmpnInrtCmp_Per1  |             | MACILAG |
|---|-------------|---------|
| Name  | Input Value |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 112         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 128         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 144         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 160         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 176         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 192         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 208         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 224         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 240         |         |
|   | 256         |         |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]<br>t_CmnVehSpd_Kph_u9p7[0]                       | 6784        |         |
|   |             |         |
| t_CmnVehSpd_Kph_u9p7[1]   | 6912        |         |
| t_CmnVehSpd_Kph_u9p7[2]   | 7040        |         |
| t_CmnVehSpd_Kph_u9p7[3]   | 7168        |         |
| t_CmnVehSpd_Kph_u9p7[4]   | 7296        |         |
| t_CmnVehSpd_Kph_u9p7[5]   | 7424        |         |
| t_CmnVehSpd_Kph_u9p7[6]   | 7552        |         |
| t_CmnVehSpd_Kph_u9p7[7]   | 7680        |         |
| t_CmnVehSpd_Kph_u9p7[8]   | 7808        |         |
| :_CmnVehSpd_Kph_u9p7[9]   | 7936        |         |
| :_CmnVehSpd_Kph_u9p7[10]  | 8064        |         |
| :_CmnVehSpd_Kph_u9p7[11]  | 8192        |         |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 8602        |         |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 9011        |         |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 9421        |         |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 9830        |         |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 10240       |         |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 10650       |         |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 11059       |         |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 11469       |         |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 11878       |         |
| :_DmpADDCoefX_MtrNm_u4p12[9]  | 12288       |         |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 3776        |         |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 3808        |         |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 3840        |         |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 3872        |         |
|   | 3904        |         |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]       |             |         |
|   | 3936        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]  | 1536        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]  | 1544        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]  | 1552        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]  | 1560        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]  | 1568        |         |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]  | 1576        |         |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 4915        |         |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 6554        |         |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]   | 8192        |         |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]   | 9830        |         |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 11469       |         |
|   | 885         |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 986         |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 1087        |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 1188        |         |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]  | 1288        |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 1389        |         |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] | 1490        |         |
|   |             |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 1591        |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 1692        |         |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 1793        |         |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]  | 1232        |         |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]  | 1280        |         |
| _FDD_AttenTblY_Uls_u8p8[0]  | 183         |         |
| _FDD_AttenTblY_Uls_u8p8[1]  | 185         |         |
| _FDD_BlendTblY_Uls_u8p8[0]  | 172         |         |
| _FDD_BlendTblY_Uls_u8p8[1]  | 174         |         |
| _FDD_BlendTblY_Uls_u8p8[2]  | 176         |         |
| _FDD_BlendTblY_Uls_u8p8[3]  | 178         |         |
| _FDD_BlendTblY_Uls_u8p8[4]  | 180         |         |
| :_FDD_BlendTblY_Uls_u8p8[5]   | 183         |         |
| _FDD_BlendTblY_Uls_u8p8[6]  | 185         |         |
|   | 187         |         |
| t_FDD_BlendTblY_Uls_u8p8[7]   |             |         |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 189         |         |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 191         |         |

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| 554                                      |  |   |
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| 830                                      |  |   |
| 1469                                     |  |   |
| 690                                      |  |   |
| 715                                      |  |   |
| 741                                      |  |   |
| 766                                      |  |   |
| 792                                      |  |   |
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| 300.1                                    |  |   |
|  |  |   |
| 4.2                                      |  |   |
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| 6.6                                      |  |   |
| 7.2                                      |  |   |
|  | md MtrNm f32   |   |
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| v=                                       |  |   |
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| gu i iqoepompiiiiillomp Peri venicleSpee | u_r\pii_l32  |   |
|  | •  |   |
| gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm       | •  | Resul   |
| 19 19 19 19 19 19 19 19 19 19 19 19 19 1 | 215 254 262 2630 2690 2715 2741 266 2792 200.1 2.2 2.01 230.05 6 2.2 2.FrqDepDmpnInrtCmp_Per1_BaseAssistC t_FrqDepDmpnInrtCmp_Per1_CRFMotorVet t_FrqDepDmpnInrtCmp_Per1_FrqDepDmpt t_FrqDepDmpnInrtCmp_Per1_FrqDepDmpt t_FrqDepDmpnInrtCmp_Per1_FrqDepDmpt t_FrqDepDmpnInrtCmp_Per1_HwTorque_Ft t_FrqDepDmpnInrtCmp_Per1_VehicleLonA | 215 254 269 269 269 2715 2741 276 279 280 280 280 280 280 280 280 280 280 280 |

| <u> </u>   | .   0 - 1 - 1 | . – –                     |          |
|--|---------------|---------------------------|----------|
| Name   | Actual Value  | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126710.938    | 126710.935 ± 0.0625       | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 26591.9277    | 26591.92825 ± 0.09        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -177.270554   | -177.2705444 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 7.69999981    | 7.7 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 18.0300007    | 18.03 ± 0.00390625        | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | -0.933333278  | -0.933333333 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 5.05071735    | 5.050717333 ± 0.00390625  | <b>✓</b> |
| tot FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -7.19999981   | -7.2 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | •        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.16 (Repeat Count = 1)                                      | la de la companya de |
|--|--|
| Name   | Input Value  |
| PreDecelGain_Uls_M_f32   | 126812.91  |
| Prev1PreAttnComp_MtrNm_M_f32   | -7.7   |
| Prev1ScIDrvVel_RadpS_M_f32   | -28.5  |
| Prev2PreAttnComp_MtrNm_M_f32   | -6.5   |
| Prev2ScIDrvVel_RadpS_M_f32   | -297.3   |
| PrevTbarAng_HwDeg_M_f32  | 1.145  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPat |  |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_UIs_f32   | -4.2   |
| TbarVelFiltSv_M_str.K_UIs_f32  | 0.03257  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                      | 55.12  |
| k_CmnTbarStiff_NmpDeg_f32  | 5.5  |
| k_DmpDecelGainFSlew_UlspS_f32  | 1200.05  |
| k_DmpDecelGain_Uls_f32   | 2.5  |
| k_DmpGainOffThresh_KphpS_f32   | 8.2  |
| k_DmpGainOnThresh_KphpS_f32  | 35.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00013  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                   | 0.5  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]                        | 342  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]                        | 683  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]                        | 1024   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                        | 1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                        | 1705   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]                        | 2046   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                        | 2387   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                        | 2728   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                        | 3068   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                        | 3409   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                        | 161  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                        | 328  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                        | 494  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                        | 661  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                        | 827  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                        | 994  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                        | 1160   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                        | 1326   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                        | 1493   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                        | 1659   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 496  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 512  |
| t2 FDD FreqTbIYM Hz u12p4[0][1]  | 528  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 544  |
| t2_FDD_freqTblYM_Hz_u12p4[0][4]  | 560  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 576  |
| tz_FDD_FreqTblYM_Hz_u12p4[0][6]  | 592  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 608  |
| t2_FDD_freqTblYM_Hz_u12p4[0][8]  | 624  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 640  |
| t2_FDD_freqTblYM_Hz_u12p4[0][10]                                       | 656  |
| t2_FDD_freqTblYM_Hz_u12p4[0][11]                                       | 672  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 96   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 112  |
| re-i pp-i rodini im-i re-ni ebafilli i                                 | 112  |

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| FrqDepDmpnInrtCmp_Per1  | 2014-09-19, 15:51:46+0530 | Razorcat |
|---|---------------------------|----------|
| Name  | Input Value               |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                     | 128                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                     | 144                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                                     | 160                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 176                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 192                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 208                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 224                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 240                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                                    | 256                       |          |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 272                       |          |
| t_CmnVehSpd_Kph_u9p7[0]   | 128                       |          |
| t_CmnVehSpd_Kph_u9p7[1]   | 256                       |          |
| t_CmnVehSpd_Kph_u9p7[2]   | 384                       |          |
| t_CmnVehSpd_Kph_u9p7[3]   | 512                       |          |
| t_CmnVehSpd_Kph_u9p7[4]   | 640                       |          |
| t_CmnVehSpd_Kph_u9p7[5]   | 768                       |          |
| t_CmnVehSpd_Kph_u9p7[6]   | 896                       |          |
| t_CmnVehSpd_Kph_u9p7[7]   | 1024<br>1152              |          |
| t_CmnVehSpd_Kph_u9p7[8]   |                           |          |
| t_CmnVehSpd_Kph_u9p7[9]   | 1280<br>1408              |          |
| t_CmnVehSpd_Kph_u9p7[10]<br>t_CmnVehSpd_Kph_u9p7[11]                | 1536                      |          |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 12698                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 13107                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[1]  | 13517                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 13926                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 14336                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 14746                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 15155                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 15565                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 15974                     |          |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 16384                     |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 5280                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                               | 5312                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                               | 5344                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                               | 5376                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                               | 5408                      |          |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                               | 5440                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                                  | 1480                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                                  | 1488                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                                  | 1496                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                                  | 1504                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                                  | 1512                      |          |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                                  | 1520                      |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 6554                      |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                                    | 8192                      |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 9830                      |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 11469                     |          |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 13107                     |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                           | 1066                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                           | 1212                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                           | 1359                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                           | 1506                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                           | 1653                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                           | 1800                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                           | 1946                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                           | 2093                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                           | 2240                      |          |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                           | 2387                      |          |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0] t_FDD_AttenTblX_MtrRadpS_u12p4[1] | 1296<br>1360              |          |
| t_FDD_AttenTblY_Uls_u8p8[0]   | 230                       |          |
| t_FDD_AttenTblY_Uls_u8p8[1]   | 232                       |          |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 232                       |          |
| t_FDD_BlendTblY_Uls_u8p8[1]   | 220                       |          |
| t_FDD_BlendTblY_Uls_u8p8[2]   | 223                       |          |
| t_FDD_BlendTblY_Uls_u8p8[3]   | 225                       |          |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 227                       |          |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 230                       |          |
| t_FDD_BlendTblY_Uls_u8p8[6]   | 232                       |          |
| t_FDD_BlendTblY_Uls_u8p8[7]   | 234                       |          |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 237                       |          |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 239                       |          |
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| Name   | Input Value                            |                     |       |
|--|--|---------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 241                                    |                     |       |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 243                                    |                     |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 38                                     |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 51                                     |                     |       |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 64                                     |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 77                                     |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 90                                     |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 102                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 115                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 128                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 141                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 154                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 166                                    |                     |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 179                                    |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 92                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 93                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 95                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 96                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 97                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 99                                     |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 100                                    |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 101                                    |                     |       |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 102                                    |                     |       |
|  | 104                                    |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[9] t InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[10]   |  |                     |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 105                                    |                     |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]  | 6554                                   |                     |       |
|  | 8192                                   |                     |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 9830                                   |                     |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  |  |                     |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 11469                                  |                     |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 13107                                  |                     |       |
| t_WIRBIndTblX_MtrNm_u8p8[0]  | 1894                                   |                     |       |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 1920                                   |                     |       |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1946                                   |                     |       |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 1971                                   |                     |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1997                                   |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                                       | -5.4                                   |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                                      | 200.2                                  |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value                                | 0                                      |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | 6.3                                    |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                                     | -33.05                                 |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 190.05                                 |                     |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                                       | 7.7                                    |                     |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                                | 7.3                                    |                     |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc                         |  |                     |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I                         | 0= 1 1 1 1= =                          |                     |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi                          |  |                     |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn                          | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | onInrtCmp_MtrNm_f32 |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI                          | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_   | HwNm_f32            |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce                        | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/ | Accel_KphpS_f32     |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_                         | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec | ed_Kph_f32          |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB                            | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn    | npBlnd_MtrNm_f32    |       |
| Name   | Actual Value                           | Expected Value      | Resul |

| <u> </u>   | .   0 = 1 1 1 1 1 - |                           |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126812.906          | 126812.91 ± 0.0625        | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 267220.719          | 267220.7121 ± 0.9         | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 96.8688278          | 96.86883293 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -7.69999981         | -7.7 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -28.5               | -28.5 ± 0.00390625        | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 1.14545453          | 1.145454545 ± 0.00390625  | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -4.05580378         | -4.055803727 ± 0.00390625 | •        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 7.30000019          | 7.3 ± 0.00048828125       | <b>✓</b> |

FrqDepDmpnInrtCmp\_Per1

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|--|-------------|-----------|
| Name                                     | Input Value |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]           | 688         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]          | 704         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]          | 720         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]          | 736         |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]           | 752         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]          | 768         |           |
| 12_FDD_FreqTblYM_Hz_u12p4[1][8]          | 784         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]          | 800         |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]          | 816         |           |
| 2_FDD_FreqTbIYM_Hz_u12p4[1][11]          | 832         |           |
| :_CmnVehSpd_Kph_u9p7[0]                  | 2560        |           |
| :_CmnVehSpd_Kph_u9p7[1]                  | 3840        |           |
| :_CmnVehSpd_Kph_u9p7[2]                  | 5120        |           |
|  | 6400        |           |
| _CmnVehSpd_Kph_u9p7[3]                   |             |           |
| :_CmnVehSpd_Kph_u9p7[4]                  | 7680        |           |
| _CmnVehSpd_Kph_u9p7[5]                   | 8960        |           |
| _CmnVehSpd_Kph_u9p7[6]                   | 10240       |           |
| _CmnVehSpd_Kph_u9p7[7]                   | 11520       |           |
| _CmnVehSpd_Kph_u9p7[8]                   | 12800       |           |
| _CmnVehSpd_Kph_u9p7[9]                   | 14080       |           |
| _CmnVehSpd_Kph_u9p7[10]                  | 15360       |           |
| _CmnVehSpd_Kph_u9p7[11]                  | 16640       |           |
| _DmpADDCoefX_MtrNm_u4p12[0]              | 16794       |           |
| _DmpADDCoefX_MtrNm_u4p12[1]              | 17203       |           |
| _DmpADDCoefX_MtrNm_u4p12[2]              | 17613       |           |
| _DmpADDCoefX_MtrNm_u4p12[3]              | 18022       |           |
| _DmpADDCoefX_MtrNm_u4p12[4]              | 18432       |           |
| _DmpADDCoefX_MtrNm_u4p12[5]              | 18842       |           |
| _DmpADDCoefX_MtrNm_u4p12[6]              | 19251       |           |
| _DmpADDCoefX_MtrNm_u4p12[7]              | 19661       |           |
| _DmpADDCoefX_MtrNm_u4p12[8]              | 20070       |           |
| _DmpADDCoefX_MtrNm_u4p12[9]              | 20480       |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]     | 11680       |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]     | 11712       |           |
|  | 11744       |           |
|  | 11776       |           |
|  | 11808       |           |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[5]    | 11840       |           |
| mpDecelGainSlewY_UlspS_u13p3[0]          | 1608        |           |
| :_DmpDecelGainSlewY_UlspS_u13p3[1]       | 1616        |           |
| :_DmpDecelGainSlewY_UlspS_u13p3[2]       | 1624        |           |
| :_DmpDecelGainSlewY_UlspS_u13p3[3]       | 1632        |           |
| : DmpDecelGainSlewY UlspS_u13p3[4]       | 1640        |           |
| DmpDecelGainSlewY_UlspS_u13p3[4]         | 1648        |           |
|  |             |           |
| _DmpFiltKpWIRBIndY_UIs_u2p14[0]          | 8192        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 9830        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]          | 11469       |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]          | 13107       |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]          | 14746       |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1246        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1] | 1638        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] | 2030        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2422        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] | 2814        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3206        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] | 3598        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 3990        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4382        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 4774        |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]         | 1344        |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]         | 1440        |           |
| _FDD_AttenTblY_Uls_u8p8[0]               | 71          |           |
| _FDD_AttenTblY_Uls_u8p8[1]               | 74          |           |
| _FDD_BlendTblY_Uls_u8p8[0]               | 3           |           |
| _FDD_BlendTblY_Uls_u8p8[1]               | 5           |           |
|  | 8           |           |
| _FDD_BlendTblY_Uls_u8p8[2]               |             |           |
| _FDD_BlendTblY_Uls_u8p8[3]               | 10          |           |
| _FDD_BlendTblY_Uls_u8p8[4]               | 13          |           |
| _FDD_BlendTbIY_Uls_u8p8[5]               | 15          |           |
| _FDD_BlendTblY_Uls_u8p8[6]               | 18          |           |
| _FDD_BlendTblY_Uls_u8p8[7]               | 20          |           |
|  | 00          |           |
| t_FDD_BlendTblY_Uls_u8p8[8]              | 23          |           |

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| Name   | Input Value                            |                       |        |
|--|--|-----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 28                                     |                       |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 31                                     |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 51                                     |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 64                                     |                       |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[2]  | 77                                     |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 90                                     |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 102                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 115                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 128                                    |                       |        |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[7]  | 141                                    |                       |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]  | 154                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 166                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 179                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 192                                    |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 1                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 3                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 4                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 5                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 6                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 8                                      |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 9                                      |                       |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]  | 10                                     |                       |        |
|  | 12                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 13                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 14                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 15                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 8192                                   |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  |  |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 9830                                   |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 11469                                  |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 13107                                  |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 14746                                  |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 922                                    |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 947                                    |                       |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 973                                    |                       |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]  | 998                                    |                       |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 1024                                   |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | 5.5                                    |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | -200.4                                 |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 0                                      |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -6.4                                   |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | -44.06                                 |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 210.03                                 |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 1.2                                    |                       |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio  | -8.2                                   |                       |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCnppPer1\_BaseAssistC$   |  |                       |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_  |  | ·                     |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_$  | 0= 1 1 1 1= = 1 1                      | . = =0                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI   | n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepD   | 0mpnInrtCmp_MtrNm_f32 |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HwTorqu$ | vt tgt_FrqDepDmpnInrtCmp_Per1_HwTorqu  | ue_HwNm_f32           |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccept and the property of the property o$   | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLe   | onAccel_KphpS_f32     |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeeds and the property of t$   | _I tgt_FrqDepDmpnInrtCmp_Per1_VehicleS | peed_Kph_f32          |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmp_Per1\_WIRCmdA$   | BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmd   | IAmpBInd_MtrNm_f32    |        |
| Name   | Actual Value                           | Expected Value        | Result |
| PreDecelGain_Uls_M_f32   | 126912.281                             | 126912.2849 ± 0.0625  | ~      |
| Prev1PreAttnComp MtrNm M f32   | -756922 563                            | -756922 4402 + 0.9    |        |

| Name   | Actual Value | Expected Value            | Result   |
|--|--------------|---------------------------|----------|
| PreDecelGain_Uls_M_f32                                       | 126912.281   | 126912.2849 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -756922.563  | -756922.4402 ± 0.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -79.67099    | -79.67099743 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.5          | 1.5 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 24.6000004   | 24.6 ± 0.00390625         | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.984615386 | -0.984615385 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 3.61537886   | 3.615379969 ± 0.00390625  | <b>✓</b> |
| tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp MtrNm f32 value | -8 19999981  | -8 2 + 0 00048828125      | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.18 (Repeat Count = 1)                                     |  |
|---|--|
| Name  | Input Value  |
| PreDecelGain_Uls_M_f32  | 127016.86  |
| Prev1PreAttnComp_MtrNm_M_f32  | -1.5   |
| Prev1SclDrvVel_RadpS_M_f32  | -16.2  |
| Prev2PreAttnComp_MtrNm_M_f32  | -4.5   |
| Prev2SclDrvVel_RadpS_M_f32  | -25.6  |
| PrevTbarAng_HwDeg_M_f32   | 0.989  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa | ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 1.5  |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.047852   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                     | 77.14  |
| k_CmnTbarStiff_NmpDeg_f32   | 7.5  |
| k_DmpDecelGainFSlew_UlspS_f32   | 1400.05  |
| k_DmpDecelGain_Uls_f32  | 2.1  |
| k_DmpGainOffThresh_KphpS_f32  | 16.5   |
| k_DmpGainOnThresh_KphpS_f32   | 45.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00015  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                  | 0.3  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                       | 523  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                       | 1038   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                       | 1553   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                       | 2068   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                       | 2583   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]                       | 3099   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                       | 3614   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                       | 4129   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                       | 4644   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                       | 5159   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]                       | 342  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]                       | 683  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                       | 1024   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                       | 1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                       | 1705   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                       | 2046   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                       | 2387   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                       | 2728   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                       | 3068   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                       | 3409   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                       | 16   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                       | 32   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                                       | 48   |
| t2_FDDreqTblYM_Hz_u12p4[0][3]   | 64   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                       | 80   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][5]    | 96   |
| ız_FDD_FreqTbIYM_Hz_u12p4[0][5]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][6]    | 112  |
|   |  |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][8]    | 128<br>144   |
|   | 144  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                       |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                      | 176  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                      | 192  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                       | 176  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                       | 192  |

FrqDepDmpnInrtCmp\_Per1

2014-09-19, 15:51:46+0530

Input Value



Name aa aa aa aa aa aa

2014-09-19, 15:51:46+0530



| Name  | Input Value                               |                        |       |
|---|---|------------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 31  |                        |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 33  |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                 | 64  |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                 | 77  |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                 | 90  |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                 | 102                                       |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                 | 115                                       |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                 | 128                                       |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                 | 141                                       |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                 | 154                                       |                        |       |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8]                                 | 166                                       |                        |       |
| t InrtCmp ScaleFactorTblY Uls u9p7[9]                                 | 179                                       |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                | 192                                       |                        |       |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[11]                                | 205                                       |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                         | 15  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                         | 17  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                         | 18  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                         | 19  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                         | 20  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                         | 22  |                        |       |
|   | 23  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                         |   |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                         | 24  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                         | 26  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[9]                         | 27  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                        | 28  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11]                        | 29  |                        |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]                                       | 1638                                      |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                       | 3277                                      |                        |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]                                       | 4915                                      |                        |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]                                       | 6554                                      |                        |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]                                       | 8192                                      |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1178                                      |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1203                                      |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1229                                      |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1254                                      |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1280                                      |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value              | 2.2                                       |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value             | 100.8                                     |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value       | 0   |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                    | 7.5                                       |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value            | 11.01                                     |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                 | 0   |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value              | 3.2                                       |                        |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio       | 8.3                                       |                        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCi | nc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssiste | Cmd_MtrNm_f32          |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe   | _t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV   | el_MtrRadpS_f32        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp   | Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn   | npSrlComSvcDft_Cnt_lgc |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr   | In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | onInrtCmp_MtrNm_f32    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H   | wi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_   | HwNm_f32               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc | cct tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon | Accel_KphpS_f32        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed | U = 1 1 1                                 |                        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp    | _ =                                       | = • =                  |       |
| Name  | Actual Value                              | Expected Value         | Resu  |
| ProPossiCoin IIIa M 622   | 407044 0C2                                | 127014 0500 : 0 0025   | itosu |

| Name   | Actual Value | Expected Value           | Result   |
|--|--------------|--------------------------|----------|
| PreDecelGain_Uls_M_f32                                       | 127014.063   | 127014.0599 ± 0.0625     | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -12284.4609  | -12284.45952 ± 0.09      | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 30.5068626   | 30.50686197 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -1.5         | -1.5 ± 0.00048828125     | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -16.2000008  | -16.2 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 1            | 1 ± 0.00390625           | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.69140744   | 1.691408 ± 0.00390625    | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 8.30000019   | 8.3 ± 0.00048828125      | <b>✓</b> |





| Τ  |       |  |       | V      |
|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |
| DecelGain  | 1     | DecelGain  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | •      |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~      |

| Test Step 3.19 (Repeat Count = 1)                                     |  |
|---|--|
| Name  | Input Value  |
| PreDecelGain_Uls_M_f32  | 127118.835   |
| Prev1PreAttnComp_MtrNm_M_f32  | 2.5  |
| Prev1SclDrvVel_RadpS_M_f32  | 100.8  |
| Prev2PreAttnComp_MtrNm_M_f32  | 4.5  |
| Prev2SclDrvVel_RadpS_M_f32  | 987.5  |
| PrevTbarAng_HwDeg_M_f32   | -0.894   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa | ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32  | -1.6   |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.2356   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                     | 88.15  |
| k_CmnTbarStiff_NmpDeg_f32   | 8.5  |
| k_DmpDecelGainFSlew_UlspS_f32   | 1500.02  |
| k_DmpDecelGain_Uls_f32  | 2.2  |
| k_DmpGainOffThresh_KphpS_f32  | 20.6   |
| k_DmpGainOnThresh_KphpS_f32   | 22.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00016  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                  | 0.2  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                       | 704  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                       | 814  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                       | 924  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                       | 1034   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                       | 1144   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                       | 1254   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                       | 1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                       | 1475   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                       | 1585   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                       | 1695   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                       | 523  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                       | 1038   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                       | 1553   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]                       | 2068   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]                       | 2583   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]                       | 3099   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                       | 3614   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                       | 4129   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                       | 4644   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                       | 5159   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                       | 32   |
| t2_FDD_reqTblYM_Hz_u12p4[0][0]  | 48   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                       | 64   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][3]    | 80   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][4]    | 96   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][5]    | 112  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                       | 128  |
|   | 144  |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]<br>t2_FDD_FreqTbIYM_Hz_u12p4[0][8]    | 160  |
|   | 176  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]                                       | 192  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                      |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                      | 208  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                       | 496  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                       | 512  |

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| гідоеротрініністр_гегі                   |             | - GALCIMI |
|--|-------------|-----------|
| Name                                     | Input Value |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]          | 528         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]          | 544         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]          | 560         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]          | 576         |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]           | 592         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]          | 608         |           |
| 12_FDD_FreqTblYM_Hz_u12p4[1][8]          | 624         |           |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]          | 640         |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]          | 656         |           |
| 2_FDD_FreqTbIYM_Hz_u12p4[1][11]          | 672         |           |
| :_CmnVehSpd_Kph_u9p7[0]                  | 15488       |           |
| t_CmnVehSpd_Kph_u9p7[1]                  | 15616       |           |
| :_CmnVehSpd_Kph_u9p7[2]                  | 15744       |           |
|  | 15872       |           |
| _CmnVehSpd_Kph_u9p7[3]                   |             |           |
| :_CmnVehSpd_Kph_u9p7[4]                  | 16000       |           |
| _CmnVehSpd_Kph_u9p7[5]                   | 16128       |           |
| _CmnVehSpd_Kph_u9p7[6]                   | 16256       |           |
| _CmnVehSpd_Kph_u9p7[7]                   | 16384       |           |
| _CmnVehSpd_Kph_u9p7[8]                   | 16512       |           |
| _CmnVehSpd_Kph_u9p7[9]                   | 16640       |           |
| _CmnVehSpd_Kph_u9p7[10]                  | 16768       |           |
| _CmnVehSpd_Kph_u9p7[11]                  | 16896       |           |
| _DmpADDCoefX_MtrNm_u4p12[0]              | 24986       |           |
| _DmpADDCoefX_MtrNm_u4p12[1]              | 25395       |           |
| _DmpADDCoefX_MtrNm_u4p12[2]              | 25805       |           |
| _DmpADDCoefX_MtrNm_u4p12[3]              | 26214       |           |
| _DmpADDCoefX_MtrNm_u4p12[4]              | 26624       |           |
| _DmpADDCoefX_MtrNm_u4p12[5]              | 27034       |           |
| _DmpADDCoefX_MtrNm_u4p12[6]              | 27443       |           |
| _DmpADDCoefX_MtrNm_u4p12[7]              | 27853       |           |
| _DmpADDCoefX_MtrNm_u4p12[8]              | 28262       |           |
| _DmpADDCoefX_MtrNm_u4p12[9]              | 28672       |           |
| DmpDecelGainSlewX_MtrRadpS_u11p5[0]      | 4192        |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]     | 4224        |           |
|  | 4256        |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]     | 4288        |           |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[4]    | 4320        |           |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[5]    | 4352        |           |
| _DmpDecelGainSlewY_UlspS_u13p3[0]        | 384         |           |
| DmpDecelGainSlewY_UlspS_u13p3[1]         | 392         |           |
|  | 400         |           |
| :_DmpDecelGainSlewY_UlspS_u13p3[2]       |             |           |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]       | 408         |           |
| _DmpDecelGainSlewY_UlspS_u13p3[4]        | 416         |           |
| DmpDecelGainSlewY_UlspS_u13p3[5]         | 424         |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]          | 3277        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 4915        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]          | 6554        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]          | 8192        |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]          | 9830        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] | 523         |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1] | 1038        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] | 1553        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2068        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] | 2583        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] | 3099        |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] | 3614        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] | 4129        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4644        |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 5159        |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]         | 1552        |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]         | 1600        |           |
| _FDD_AttenTblY_Uls_u8p8[0]               | 114         |           |
| _FDD_AttenTblY_Uls_u8p8[1]               | 116         |           |
| _FDD_BlendTblY_Uls_u8p8[0]               | 10          |           |
| _FDD_BlendTblY_Uls_u8p8[1]               | 13          |           |
|  | 15          |           |
| _FDD_BlendTblY_Uls_u8p8[2]               |             |           |
| _FDD_BlendTblY_Uls_u8p8[3]               | 18          |           |
| r_FDD_BlendTblY_Uls_u8p8[4]              | 20          |           |
| _FDD_BlendTblY_Uls_u8p8[5]               | 23          |           |
| _FDD_BlendTblY_Uls_u8p8[6]               | 26          |           |
| _FDD_BlendTblY_Uls_u8p8[7]               | 28          |           |
|  | 31          |           |
| t_FDD_BlendTblY_Uls_u8p8[8]              | 33          |           |

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| Name   | Input Value  |                     |        |
|--|--------------|---------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 36           |                     |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 38           |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                  | 154          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                  | 166          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                  | 179          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                  | 192          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                  | 205          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                  | 218          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                  | 230          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                  | 243          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                  | 256          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                  | 269          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                 | 282          |                     |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                 | 294          |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                          | 31           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                          | 32           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                          | 33           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[3]                          | 35           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                          | 36           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                          | 37           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                          | 38           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                          | 40           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                          | 41           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                          | 42           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                         | 44           |                     |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                         | 45           |                     |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 3277         |                     |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 4915         |                     |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[2]  | 6554         |                     |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]  | 8192         |                     |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 9830         |                     |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1434         |                     |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1459         |                     |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1485         |                     |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1510         |                     |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 1536         |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value               | -2.1         |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value              | -100.4       |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value        | 1            |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                     | -7.6         |                     |        |
|  | 12.03        |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value             |              |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                  | 511.9921875  |                     |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value               | 4.2<br>3.2   |                     |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio        |              | and Merkin 122      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCm  |              |                     |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_  |              |                     |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpS   |              | •                   |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIl  |              | •                   |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw   |              |                     |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc |              |                     |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed  |              | •                   |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE    |              |                     | 1_     |
| Name   | Actual Value | Expected Value      | Result |
| PreDecelGain_Uls_M_f32   | 127115.836   | 127115.835 ± 0.0625 | ~      |

| 8  | .   0 =      | . – –                     |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 127115.836   | 127115.835 ± 0.0625       | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -388429.438  | -388429.5001 ± 0.9        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -20.7490158  | -20.74901587 ± 0.00390625 | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 2.5          | 2.5 ± 0.00048828125       | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 100.800003   | 100.8 ± 0.00390625        | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.894117653 | -0.894117647 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -1.23690033  | -1.236898824 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 3.20000005   | 3.2 ± 0.00048828125       | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | <b>~</b> |
| DecelGain  | 1     | DecelGain  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.20 (Repeat Count = 1)  |                                   |
|--|-----------------------------------|
|  | Input Value                       |
|  | ·                                 |
| PreDecelGain_Uls_M_f32   | 127220.81                         |
| Prev1PreAttnComp_MtrNm_M_f32   | -2.5                              |
| Prev1ScIDrvVel_RadpS_M_f32   | -69.6                             |
| Prev2PreAttnComp_MtrNm_M_f32   | -3.5<br>-59.2                     |
| PrevZbclDrvVel_RadpS_M_f32   |                                   |
| <u> </u>   | 0.909                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
|  | 1.2                               |
|  | 0.3479                            |
| _ , 61   | 99.12                             |
| , •  | 9.5                               |
| k_DmpDecelGainFSlew_UlspS_f32  | 1600.03                           |
| ·  | 2.6                               |
|  | 22.3                              |
| - ,  | 33.5                              |
| - '  | 0.0003                            |
|  | 0.1                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                              | 161                               |
| , , , _ , , , , ,  | 328                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                              | 494                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                              | 661                               |
|  | 827                               |
| ,                                      | 994                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                              | 1160                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                              | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                              | 1493                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                              | 1659                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                              | 161                               |
| 0 _ 1 1 _ 1 1 1 1 1  | 328                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                              | 494                               |
| 0 _ 1 1 _ 1 1 1 1 1 1 1 1 1 1 1 1 1  | 661                               |
|  | 827                               |
|  | 994                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                              | 1160                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                              | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                              | 1493                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                              | 1659                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 48                                |
|  | 64                                |
|  | 80                                |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]  | 96                                |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]  | 112                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]  | 128                               |
| , , , , , , , ,  | 144                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]  | 160                               |
|  | 176                               |
| ,                                      | 192                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 208                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][11]   | 224                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 656                               |
|  |                                   |

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|---|----------------|-----------|
| Name  | Input Value    |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 688            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 704            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 720            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 736            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 752            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 768            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 784            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 800            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]   | 816            |           |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]   | 832            |           |
| _CmnVehSpd_Kph_u9p7[0]  | 10368          |           |
| _CmnVehSpd_Kph_u9p7[1]  | 10496          |           |
| _CmnVehSpd_Kph_u9p7[2]  | 10624          |           |
| _CmnVehSpd_Kph_u9p7[3]  | 10752          |           |
| _CmnVehSpd_Kph_u9p7[4]  | 10880          |           |
| _CmnVehSpd_Kph_u9p7[5]  | 11008          |           |
| _CmnVehSpd_Kph_u9p7[6]  | 11136          |           |
| _CmnVehSpd_Kph_u9p7[7]  | 11264          |           |
| _CmnVehSpd_Kph_u9p7[8]  | 11392          |           |
| _CmnVehSpd_Kph_u9p7[9]  | 11520          |           |
| _CmnVehSpd_Kph_u9p7[10]   | 11648          |           |
| _CmnVehSpd_Kph_u9p7[11]   | 11776          |           |
| _DmpADDCoefX_MtrNm_u4p12[0]   | 28262          |           |
| _DmpADDCoefX_MtrNm_u4p12[1]   | 28672          |           |
| _DmpADDCoefX_MtrNm_u4p12[2]   | 29082          |           |
| _DmpADDCoefX_MtrNm_u4p12[3]<br>_DmpADDCoefX_MtrNm_u4p12[4]                | 29491<br>29901 |           |
| _DmpADDCoetX_MtrNm_u4p12[4]<br>_DmpADDCoefX_MtrNm_u4p12[5]                | 30310          |           |
|   | 30720          |           |
| _DmpADDCoefX_MtrNm_u4p12[6]<br>_DmpADDCoefX_MtrNm_u4p12[7]                | 31130          |           |
| _DmpADDCoefX_MtrNm_u4p12[8]   | 31539          |           |
| _DmpADDCcetX_MtrNm_u4p12[9]   | 31949          |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                                      | 5792           |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                                      | 5824           |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1] _DmpDecelGainSlewX_MtrRadpS_u11p5[2] | 5856           |           |
| DmpDecelGainSlewX_MtrRadpS_u11p5[3]                                       | 5888           |           |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]                                      | 5920           |           |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                                     | 5952           |           |
| DmpDecelGainSlewY_UlspS_u13p3[0]  | 3608           |           |
| _DmpDecelGainSlewY_UlspS_u13p3[1]   | 3616           |           |
|   | 3624           |           |
| _DmpDecelGainSlewY_UlspS_u13p3[3]   | 3632           |           |
| _DmpDecelGainSlewY_UlspS_u13p3[4]   | 3640           |           |
| _DmpDecelGainSlewY_UlspS_u13p3[5]   | 3648           |           |
| DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 4915           |           |
| DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 6554           |           |
| DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 8192           |           |
| DmpFiltKpWIRBIndY_Uls_u2p14[3]  | 9830           |           |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 11469          |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                                  | 704            |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                                  | 814            |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                                  | 924            |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                                  | 1034           |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                                  | 1144           |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                                  | 1254           |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                                  | 1364           |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                                  | 1475           |           |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                                  | 1585           |           |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]                                  | 1695           |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]  | 1616           |           |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]  | 1680           |           |
| FDD_AttenTblY_Uls_u8p8[0]   | 136            |           |
| FDD_AttenTblY_Uls_u8p8[1]   | 139            |           |
| _FDD_BlendTblY_Uls_u8p8[0]  | 13             |           |
| _FDD_BlendTblY_Uls_u8p8[1]  | 15             |           |
| _FDD_BlendTblY_Uls_u8p8[2]  | 18             |           |
| _FDD_BlendTblY_Uls_u8p8[3]  | 20             |           |
| _FDD_BlendTblY_Uls_u8p8[4]  | 23             |           |
| _FDD_BlendTblY_Uls_u8p8[5]  | 26             |           |
| r_FDD_BlendTblY_Uls_u8p8[6]   | 28             |           |
| _FDD_BlendTblY_Uls_u8p8[7]  | 31             |           |
| :_FDD_BlendTblY_Uls_u8p8[8]   | 33             |           |
|   |                |           |

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| Name  | Input Value  |                      |       |
|---|--------------|----------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 38           |                      |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 41           |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                 | 179          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                 | 192          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                 | 205          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                 | 218          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                 | 230          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                 | 243          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                 | 256          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                 | 269          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                 | 282          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                 | 294          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                | 307          |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                | 320          |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                         | 46           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                         | 47           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                         | 49           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                         | 50           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                         | 51           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                         | 52           |                      |       |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]                         | 54           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[7]                         | 55           |                      |       |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]                         | 56           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                         | 58           |                      |       |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]                        | 59           |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                        | 60           |                      |       |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]                                       | 4915         |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]                                       | 6554         |                      |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[2]                                       | 8192         |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]                                       | 9830         |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]                                       | 11469        |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1690         |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1715         |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1741         |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1766         |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1792         |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value              | 1.5          |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value             | 150.5        |                      |       |
|   | 0            |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value       |              |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                    | 8.7<br>13.05 |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value            |              |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                 | 250.02       |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value              | 5.2          |                      |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio       |              | Cmd MtrNm f22        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm |              |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel  |              | ·                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp   |              |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI  |              | •                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv  |              |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc |              |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed |              | •                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpl   | <u> </u>     | 1                    |       |
| Name  | Actual Value | Expected Value       | Resul |
| PreDecelGain_Uls_M_f32  | 127217.609   | 127217.6099 ± 0.0625 |       |

| 8 = =  | .   0 = 1 1 1 1 - 1 = - |                          |          |
|--|-------------------------|--------------------------|----------|
| Name   | Actual Value            | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 127217.609              | 127217.6099 ± 0.0625     | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -34957.4961             | -34957.49739 ± 0.09      | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | 16.6422844              | 16.64228823 ± 0.00390625 | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -2.5                    | -2.5 ± 0.00048828125     | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -69.5999985             | -69.6 ± 0.00390625       | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | 0.915789425             | 0.915789474 ± 0.00390625 | ✓        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.96354413              | 1.963548947 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -1.20000005             | -1.2 ± 0.00048828125     | <b>✓</b> |



| T  |       |  |       | V      |
|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |
| DecelGain  | 1     | DecelGain  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~      |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~      |

| Test Step 3.21 (Repeat Count = 1)  |  |
|--|--|
| Name   | Input Value  |
| PreDecelGain_Uls_M_f32   | 127322.785   |
| Prev1PreAttnComp_MtrNm_M_f32   | -3.5   |
| Prev1SclDrvVel_RadpS_M_f32   | -49.2  |
| Prev2PreAttnComp_MtrNm_M_f32   | -2.4   |
| Prev2SclDrvVel_RadpS_M_f32   | -366.2   |
| PrevTbarAng_HwDeg_M_f32  | -6.771   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath) | ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -1.5   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.2244   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 27.02  |
| k_CmnTbarStiff_NmpDeg_f32  | 1.3  |
| k_DmpDecelGainFSlew_UlspS_f32  | 1700.05  |
| k_DmpDecelGain_Uls_f32   | 2.1  |
| k_DmpGainOffThresh_KphpS_f32   | 16.2   |
| k_DmpGainOnThresh_KphpS_f32  | 44.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00031  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                     | 0.9  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                          | 342  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                          | 683  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                          | 1024   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                          | 1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                          | 1705   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                          | 2046   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                          | 2387   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                          | 2728   |
| t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]                          | 3068   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                          | 3409   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                          | 342  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                          | 683  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                          | 1024   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                          | 1364   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                          | 1705   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                          | 2046   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]                          | 2387   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]                          | 2728   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                          | 3068   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]                          | 3409   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 64   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 80   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 96   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 112  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 128  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 144  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 160  |
| t2_FDD_reqTblYM_Hz_u12p4[0][0]   | 176  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 192  |
| t2_FDD_reqTblYM_Hz_u12p4[0][9]   | 208  |
| t2_FDD_reqTblYM_Hz_u12p4[0][10]  | 224  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][11]     | 240  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]         | 16   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 32   |
| α_1 DD_1 10q1011W_11z_01zμ4[1][1]  | or .   |

FrqDepDmpnInrtCmp\_Per1

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Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 48 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 64 t2 FDD FreqTblYM Hz u12p4[1][4] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 96 t2 FDD FregTblYM Hz u12p4[1][6] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 192 t\_CmnVehSpd\_Kph\_u9p7[0] 5248 t\_CmnVehSpd\_Kph\_u9p7[1] 5376 t\_CmnVehSpd\_Kph\_u9p7[2] 5504 t\_CmnVehSpd\_Kph\_u9p7[3] 5632 5760 t\_CmnVehSpd\_Kph\_u9p7[4] t\_CmnVehSpd\_Kph\_u9p7[5] 5888 t\_CmnVehSpd\_Kph\_u9p7[6] 6016 t\_CmnVehSpd\_Kph\_u9p7[7] 6144 t\_CmnVehSpd\_Kph\_u9p7[8] 6272 t\_CmnVehSpd\_Kph\_u9p7[9] 6400 t\_CmnVehSpd\_Kph\_u9p7[10] 6528 t\_CmnVehSpd\_Kph\_u9p7[11] 6656 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 4506 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 4915 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 5325 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 5734 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 6144 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 6554 t DmpADDCoefX MtrNm u4p12[6] 6963 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 7373 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 7782 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 8192 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 9120 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 9152 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 9184 9216 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 9248 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 9280 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 288 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 296 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 304 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 312 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 320 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 328  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 9830 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 11469 t DmpFiltKpWIRBIndY Uls u2p14[4] 13107 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 885 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 986 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 1087 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1188 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 1288 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 1389 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6] 1490 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 1591 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8] 1692 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 1793 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1728 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 1760 166 t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1] 166 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 15 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 18 20 t FDD BlendTblY Uls u8p8[2] t\_FDD\_BlendTbIY\_Uls\_u8p8[3] 23 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 26 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 28 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 31 t\_FDD\_BlendTbIY\_Uls\_u8p8[7] 33 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 36

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t\_FDD\_BlendTblY\_Uls\_u8p8[9]

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| Name  | Input Value                            |                       |          |
|---|--|-----------------------|----------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 41                                     |                       |          |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 44                                     |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 141                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 154                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 166                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 179                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 192                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 205                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 218                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 230                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 243                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 256                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 269                                    |                       |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 282                                    |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 61                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 63                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 64                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 65                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 67                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 68                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 69                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   | 70                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   | 72                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 73                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 74                                     |                       |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 76                                     |                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]   | 6554                                   |                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]   | 8192                                   |                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]   | 9830                                   |                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[3]   | 11469                                  |                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]   | 13107                                  |                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1894                                   |                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1920                                   |                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1946                                   |                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1971                                   |                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1997                                   |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -1.6                                   |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -150.6                                 |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 1                                      |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | -8.8                                   |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | 14.06                                  |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 220.02                                 |                       |          |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  | 0                                      |                       |          |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio   | 1.3                                    |                       |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmodel{eq:local_prop} \\$   | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC | Cmd_MtrNm_f32         |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_   | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe  | el_MtrRadpS_f32       |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpS$  | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm   | pSrlComSvcDft_Cnt_lgc |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn   | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | nInrtCmp_MtrNm_f32    |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter = 0.0000000000000000000000000000000000$   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F  | HwNm_f32              |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | .ccel_KphpS_f32       |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCm$  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | ed_Kph_f32            |          |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmp_WIRCmdAmpBare Ap_Frq$ | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | pBInd_MtrNm_f32       |          |
| Name  | Actual Value                           | Expected Value        | Result   |
| PreDecelGain_Uls_M_f32  | 127319.383                             | 127319.3849 ± 0.0625  | ~        |
| Prev1PreAttnComp_MtrNm_M_f32  | 527959.5                               | 527959.4157 ± 0.9     | <b>✓</b> |
|   |  |                       |          |

|  |              | 1.8-2 d= -b=b=b=b=b=      |          |  |  |
|--|--------------|---------------------------|----------|--|--|
| Name   | Actual Value | Expected Value            | Result   |  |  |
| PreDecelGain_Uls_M_f32                                       | 127319.383   | 127319.3849 ± 0.0625      | ~        |  |  |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 527959.5     | 527959.4157 ± 0.9         | •        |  |  |
| Prev1SclDrvVel_RadpS_M_f32                                   | -135.810211  | -135.810175 ± 0.00390625  | <b>~</b> |  |  |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -3.5         | -3.5 ± 0.00048828125      | •        |  |  |
| Prev2SclDrvVel_RadpS_M_f32                                   | -49.2000008  | -49.2 ± 0.00390625        | ~        |  |  |
| PrevTbarAng_HwDeg_M_f32                                      | -6.76923132  | -6.769230769 ± 0.00390625 | •        |  |  |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -0.96496433  | -0.964892308 ± 0.00390625 | •        |  |  |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 1.29999995   | 1.3 ± 0.00048828125       | <b>✓</b> |  |  |



| Τ  |       |  |       |          |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.22 (Repeat Count = 1)              | lange Weller  |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32                         | 8787  |
| Prev1PreAttnComp_MtrNm_M_f32                   | 4.5   |
| Prev1SclDrvVel_RadpS_M_f32                     | 22.3  |
| Prev2PreAttnComp_MtrNm_M_f32                   | 2.4   |
| Prev2ScIDrvVel_RadpS_M_f32                     | 115.2   |
| PrevTbarAng_HwDeg_M_f32                        | 3.403   |
|  | alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| tte_Inst_Ap_FrqDepDmpnInrtCmp                  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| barVelFiltSv_M_str.SV_Uls_f32                  | 2.6   |
| barVelFiltSv_M_str.K_Uls_f32                   | 0.3366  |
| _CmnSysKinRatio_MtrDegpHwDeg_f32               | 26.03   |
| _CmnTbarStiff_NmpDeg_f32                       | 2.7   |
| _DmpDecelGainFSlew_UlspS_f32                   | 1800.06   |
| c_DmpDecelGain_Uls_f32                         | 2.2   |
| _DmpGainOffThresh_KphpS_f32                    | 20.3  |
| _DmpGainOnThresh_KphpS_f32                     | 8.5   |
| x_InrtCmp_MtrInertia_KgmSq_f32                 | 0.00032   |
| _InrtCmp_MtrVel_ScaleFactor_Uls_f32            | 1   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0] | 523   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] | 1038  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] | 1553  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] | 2068  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] | 2583  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5] | 3099  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] | 3614  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] | 4129  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] | 4644  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] | 5159  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] | 523   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] | 1038  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] | 1553  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 2068  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 2583  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 3099  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 3614  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] | 4129  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] | 4644  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] | 5159  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]                 | 80  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                 | 96  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]                 | 112   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]                 | 128   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]                 | 144   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]                 | 160   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]                 | 176   |
| 2_FDD_FreqTbIYM_Hz_u12p4[0][7]                 | 192   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]                 | 208   |
| 2_FDD_FreqTbIYM_Hz_u12p4[0][9]                 | 224   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                | 240   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                | 256   |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]                 | 32  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]                 | 48  |

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Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 64 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 80 t2 FDD FreqTblYM Hz u12p4[1][4] 96 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 112 t2 FDD FregTblYM Hz u12p4[1][6] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 208 t\_CmnVehSpd\_Kph\_u9p7[0] 3968 t\_CmnVehSpd\_Kph\_u9p7[1] 4096 4224 t\_CmnVehSpd\_Kph\_u9p7[2] t\_CmnVehSpd\_Kph\_u9p7[3] 4352 4480 t\_CmnVehSpd\_Kph\_u9p7[4] t\_CmnVehSpd\_Kph\_u9p7[5] 4608 t\_CmnVehSpd\_Kph\_u9p7[6] 4736 4864 t\_CmnVehSpd\_Kph\_u9p7[7] t\_CmnVehSpd\_Kph\_u9p7[8] 4992 t\_CmnVehSpd\_Kph\_u9p7[9] 5120 t\_CmnVehSpd\_Kph\_u9p7[10] 5248 t\_CmnVehSpd\_Kph\_u9p7[11] 5376 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 8602 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 9011 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 9421 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 9830 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 10240 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 10650 t DmpADDCoefX MtrNm u4p12[6] 11059 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 11469 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 11878 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 12288 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 32320 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 32352 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 32384 32416 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 32448 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 32480 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 384 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 392 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 400 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 408 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 416 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 424  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 9830 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 11469 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 13107 t DmpFiltKpWIRBIndY Uls u2p14[4] 14746 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 161 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 328 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 494 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 661 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 827 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 994 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6] 1160 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 1326 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8] 1493 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 1659 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1776 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 1840 189 t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1] 191 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 18 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 20 23 t FDD BlendTblY Uls u8p8[2] t\_FDD\_BlendTbIY\_Uls\_u8p8[3] 26 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 28 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 31 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 33 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 36 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 38 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 41

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| Name   | Input Value         |                     |        |  |
|--|---------------------|---------------------|--------|--|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 44                  |                     |        |  |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 46                  |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                  | 166                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                  | 179                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                  | 192                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                  | 205                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                  | 218                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                  | 230                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                  | 243                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                  | 256                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                  | 269                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                  | 282                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                 | 294                 |                     |        |  |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                 | 307                 |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                          | 77                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                          | 78                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                          | 79                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                          | 81                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                          | 82                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                          | 83                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                          | 84                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                          | 86                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                          | 87                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                          | 88                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                         | 90                  |                     |        |  |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                         | 91                  |                     |        |  |
| t_RIAstWIRBIndTbIY_Uls_u2p14[0]  | 8192                |                     |        |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 9830                |                     |        |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 11469               |                     |        |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 13107               |                     |        |  |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 14746               |                     |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1178                |                     |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1203                |                     |        |  |
| t_WIRBIndTblX_MtrNm_u8p8[2]  | 1229                |                     |        |  |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1254                |                     |        |  |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 1280                |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value               | 1.1                 |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value              | 250.02              |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value        | 0                   |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                     | 9.2                 |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value             | 15.02               |                     |        |  |
| tgt_FrgDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                  | 230.03              |                     |        |  |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value               | 8.8                 |                     |        |  |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio        | 2.2                 |                     |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc |                     | Cmd MtrNm f32       |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I |                     |                     |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi  |                     | ·                   |        |  |
| tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIn  |                     |                     |        |  |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI  | 0= 1 1 1 1= = 1 1 1 | ·= =                |        |  |
| tgt_Rte_Inst_Ap_rqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_vehicleLonAcce |                     |                     |        |  |
| tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed  |                     |                     |        |  |
| tgt_Rte_Inst_Ap_rqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB     |                     |                     |        |  |
| Name   | Actual Value        | Expected Value      | Pocult |  |
|  |                     | •                   | Result |  |
| PreDecelGain_Uls_M_f32   | 8783.39941          | 8783.39988 ± 0.0625 |        |  |

|  | .h  -91hh    | 1.9.5 de she mhumusunk 5. s 5 |          |  |  |
|--|--------------|-------------------------------|----------|--|--|
| Name   | Actual Value | Expected Value                | Result   |  |  |
| PreDecelGain_Uls_M_f32                                       | 8783.39941   | 8783.39988 ± 0.0625           | •        |  |  |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -3935.75269  | -3935.753195 ± 0.009          | •        |  |  |
| Prev1SclDrvVel_RadpS_M_f32                                   | 250.816666   | 250.8166781 ± 0.00390625      | •        |  |  |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 4.5          | 4.5 ± 0.00048828125           | •        |  |  |
| Prev2SclDrvVel_RadpS_M_f32                                   | 22.2999992   | 22.3 ± 0.00390625             | •        |  |  |
| PrevTbarAng_HwDeg_M_f32                                      | 3.40740728   | 3.407407407 ± 0.00390625      | •        |  |  |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 2.46656632   | 2.466606667 ± 0.00390625      | •        |  |  |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 2.20000005   | 2.2 ± 0.00048828125           | <b>✓</b> |  |  |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | -        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.23 (Repeat Count = 1)                                   |                                   |
|---|-----------------------------------|
|   | Input Value                       |
| Name  | ·                                 |
| PreDecelGain_Uls_M_f32  | 45678                             |
| Prev1PreAttnComp_MtrNm_M_f32  | -4.5                              |
| Prev1SclDrvVel_RadpS_M_f32  | -48.5                             |
| Prev2PreAttnComp_MtrNm_M_f32  | -1.1                              |
| Prev2ScIDrvVel_RadpS_M_f32  | -380.2                            |
| PrevTbarAng_HwDeg_M_f32   | -3.06                             |
|   |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                                       | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32                                      | -2.5                              |
| TbarVelFiltSv_M_str.K_Uls_f32                                       | 0.4488                            |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                   | 53.25                             |
| k_CmnTbarStiff_NmpDeg_f32   | 3.1                               |
| k_DmpDecelGainFSlew_UlspS_f32                                       | 1900.08                           |
| k_DmpDecelGain_Uls_f32  | 2.6                               |
| k_DmpGainOffThresh_KphpS_f32  | 22.5                              |
| k_DmpGainOnThresh_KphpS_f32   | 16.2                              |
| k_InrtCmp_MtrInertia_KgmSq_f32                                      | 0.00033                           |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                | 0.7                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]                     | 704                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]                     | 814                               |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]                     | 924                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                     | 1034                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                     | 1144                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]                     | 1254                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]                     | 1364                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                     | 1475                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                     | 1585                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]                     | 1695                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                     | 523                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                     | 1038                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                     | 1553                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                     | 2068                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                     | 2583                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                     | 3099                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                     | 3614                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]                     | 4129                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]                     | 4644                              |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]                     | 5159                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                     | 96                                |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][1]                                     | 112                               |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][1]                                     | 128                               |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][3]                                     | 144                               |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][4]                                     | 160                               |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][4]                                     | 176                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][6]                                     | 192                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][7]                                     | 208                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][8]                                     | 224                               |
|   | 240                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][9]                                     |                                   |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][10]                                    | 256                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][11]<br>12_FDD_FreqTblYM_Hz_u12p4[1][0] | 272                               |
| Z FUU FIEGIDIYM HZ U1204CHUI  | 48                                |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]                                     | 64                                |

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 96 t2 FDD FreqTblYM Hz u12p4[1][4] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 128 t2 FDD FregTblYM Hz u12p4[1][6] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 208 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 224 t\_CmnVehSpd\_Kph\_u9p7[0] 128 t\_CmnVehSpd\_Kph\_u9p7[1] 256 t\_CmnVehSpd\_Kph\_u9p7[2] 384 t\_CmnVehSpd\_Kph\_u9p7[3] 512 t\_CmnVehSpd\_Kph\_u9p7[4] 640 t\_CmnVehSpd\_Kph\_u9p7[5] 768 t\_CmnVehSpd\_Kph\_u9p7[6] 896 1024 t\_CmnVehSpd\_Kph\_u9p7[7] t\_CmnVehSpd\_Kph\_u9p7[8] 1152 t\_CmnVehSpd\_Kph\_u9p7[9] 1280 t\_CmnVehSpd\_Kph\_u9p7[10] 1408 t\_CmnVehSpd\_Kph\_u9p7[11] 1536 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 12698 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 13107 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 13517 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 t DmpADDCoefX MtrNm u4p12[6] 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 30592 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 30624 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 30656 30688 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 30720 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 30752 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 448 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 456 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 464 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 472 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 480

488

3277

4915

6554

8192

9830

342

683

1024

1364

1705

2046

2387

2728

3068

3409

1760

1920 237

239

20

23 26

28

31

33

36

38

41

44

t\_DmpDecelGainSlewY\_UlspS\_u13p3[5]

 $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3]

t DmpFiltKpWIRBIndY Uls u2p14[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1]

t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[0]

t\_FDD\_BlendTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[2] t\_FDD\_BlendTblY\_Uls\_u8p8[3]

t\_FDD\_BlendTblY\_Uls\_u8p8[4]

t\_FDD\_BlendTblY\_Uls\_u8p8[5]

t\_FDD\_BlendTblY\_Uls\_u8p8[6]

t\_FDD\_BlendTbIY\_Uls\_u8p8[7]

t\_FDD\_BlendTblY\_Uls\_u8p8[8]

t\_FDD\_BlendTblY\_Uls\_u8p8[9]

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| SEDB_selentToV_UB_us_dept10  | Name  | Input Value                            |               |        |
|--|---|--|---------------|--------|
| FDO BendThY Us. up9(1)   49  | t FDD BlendTblY Uls u8p8[10]                                    | 46                                     |               |        |
| Linchtone, Saleifeanoth Thy Use, 49711   218   239   230   241     |   |  |               |        |
| Uniform   Sales Facion Play   Uniform   196    |   |  |               |        |
| Interface ScaleFactorTMV_Us. up07[2]   |   |  |               |        |
| Linefform SeafeFactorTbY Uss 4g67[4]   256   2   |   |  |               |        |
| Lineform   ScaleFactorTBY_Us. u8p7fs    289  |   |  |               |        |
| LinnCings ScaleFactorTBY_Uis_u8p7[8]   289   LinnCings ScaleFactorTBY_Uis_u8p7[8]   282   LinnCings ScaleFactorTBY_Uis_u8p7[8]   284   LinnCings ScaleFactorTBY_Uis_u8p7[8]   307   300    |   |  |               |        |
| LinnCmp_ScaleFactorTsV_Uis_usp7t()   |   |  |               |        |
| LinnCmp, ScaleFactorTbY Uis _19p7T9  |   |  |               |        |
| LindCrop, ScaleFactorTbY_UBL_usp7tp  320   LindCrop, ScaleFactorTbY_UBL_usp7tp  320   LindCrop, ScaleFactorTbY_UBL_usp7tp  330   LindCrop, ScaleFactorTbY_UBL_usp7tp  340   LindCrop, TsaleFactorTbY_UBL_usp7tp  340   LindCrop, TsaleFactorTbY_UBL_usp7tp  340   LindCrop, TsaleFactorTbY_UBL_usp7tp  340   LindCrop, TsaleFactorTbY_UBL_usp7tp  350   LindCrop, TsaleFactorTbY_UBL_usp7tp  360   LindCrop, TsaleFactorTb   |   |  |               |        |
| LintCmp, ScaleFactorThY_Us_u9f7[9]   320   12    |   |  |               |        |
| LinnCmp, ScaleFactorTbY_Us_usp7[10] 333 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 92 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 93 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 95 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 96 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 96 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 97 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 97 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 99 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 100 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 100 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 101 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 101 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 102 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[70] 105 LinnCmp_TBarVel_ScaleFactorTbY_Us_usp7[  |   |  |               |        |
| Uniformy_TBarVel_ScaleFactorTbY_Us_upy7[1]   946   92   93   95   95   95   95   95   95   95  |   |  |               |        |
| LintCnp_TBarVel_ScaleFactorThY_Us_us_P07[]   92   1.   |   |  |               |        |
| LinfCmp_TBarVel_ScaleFactorTbY_Us_us_0P7T2   |   |  |               |        |
| LinfCmp_TBarVel_ScaleFactorThY_Us_us_P972  95   96   97   97   97   97   97   97   97  |   |  |               |        |
| LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[3]   96     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[5]   99     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[6]   100     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[7]   101     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[7]   101     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[8]   102     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[8]   102     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[8]   105     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[9]   104     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[9]   105     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[10]   105     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[10]   105     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[11]   106     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[11]   106     LintCmp, TBarVel, ScaleFactorTbY, Uls_ ugn7[11]   107     LintCmp, TbarVel, Uls_ ug    |   |  |               |        |
| InInCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[5]   |   |  |               |        |
| LinfCmp_TBarVel_ScaleFactorTbY_Uls_u967[5]   100   101   1   |   |  |               |        |
| LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7i 6   |   |  |               |        |
| LinfCmp_TBarVel_ScaleFactorIbY_Uls_u9p7ii]   |   |  |               |        |
| LinfCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   102   104   105      |   |  |               |        |
| LintCmp_TBarVel_ScaleFactorTblY_Uls_usp7[19]   104   105     | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                   |  |               |        |
| LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[10]   105     LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[11]   106     LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[11]   106     LintCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[11]   108     LintSatWiRBindTbY_Uls_u2p14[1]   3277     LintSatWiRBindTbY_Uls_u2p14[2]   4915     LintSatWiRBindTbY_Uls_u2p14[3]   6554     LintSatWiRBindTbY_Uls_u2p14[4]   8192     LintSatWiRBindTbY_Uls_u2p14[4]   1434     LintRightTbX_Mrthm_u9p8[0]   1434     LintRightTbX_Mrthm_u9p8[1]   1459     LintRightTbX_Mrthm_u9p8[2]   1465     LintRightTbX_Mrthm_u9p8[3]   1510     LintRightTbX_Mrthm_u9p8[3]   1510     LintRightTbX_Mrthm_u9p8[3]   1536     LintRightTbX_Mrthm_u9p8[3]   1536     LintRightTbX_Mrthm_u9p8[3]   1536     LintRightTbX_Mrthm_u9p8[4]   1536     LintRightTbX_Mrthm_u9p8[5]   1459     LintRightTbX_Mrthm_u9p8[6]   1459     LintRightTbX_Mrthm_u9p8[7]   1459     LintRightTbX_Mrthm_u9p8[8]   1500     LintRightTbX_Mrthm_u9p   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                   |  |               |        |
| LintCmp_TBarVel_ScaleFactorTb\Y_UIs_u9p7[11]   106     LiRIAsWIRBIndTb\Y_UIs_u2p14[0]   1638   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                   | 104                                    |               |        |
| L_RIAsWRBIndTbY_Uis_u2p14[0] 1638  L_RIAsWRBIndTbY_Uis_u2p14[1] 23277  L_RIAsWRBIndTbY_Uis_u2p14[2] 4915  L_RIAsWRBIndTbY_Uis_u2p14[3] 6554  L_RIASWRBIndTbY_Uis_u2p14[4] 8192  L_WIRBIndTbX_MtrNm_u8p8[0] 1434  L_WIRBIndTbX_MtrNm_u8p8[1] 1459  L_WIRBIndTbX_MtrNm_u8p8[1] 1459  L_WIRBIndTbX_MtrNm_u8p8[2] 1485  L_WIRBIndTbX_MtrNm_u8p8[3] 1510  L_WIRBIndTbX_MtrNm_u8p8[4] 1536  tgt_FrqDepDmpnInnCmp_Per1_BaseAssistCmd_MtrNm_f32_value 1556  tgt_FrqDepDmpnInnCmp_Per1_CRFMotorVel_MtrRadpS_f32_value 250.03  tgt_FrqDepDmpnInnCmp_Per1_HwTorque_HwNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_VehicleSpeed_Kph_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Tph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_Per1_WehicleSpeed_Fph_fnrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_FrqDepDmpnInnCmp_Fer1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_FrqDepDmpnInnCmp_FrqDepDmpnInnCmp_FrqT_Eph_pmpnInnCmp_Per1_BaseAssistCmd_MtrNm_f32_value 35.01  tgt_FrqDepDmpnInnCmp_FrqDepDmpnInnCmp_FrqT_Eph_pmpnInnCmp_FrqDepDmpnInnCmp_F  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                  | 105                                    |               |        |
| t_RIAstWiRBIndTbiY_Uls_u2p14[1]  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                  | 106                                    |               |        |
| t_RlAstWiRBindTblY_Uis_u2p14[2]  | t_RIAstWIRBIndTbIY_UIs_u2p14[0]                                 | 1638                                   |               |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[3]  | t_RIAstWIRBIndTbIY_Uls_u2p14[1]                                 | 3277                                   |               |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]  | t_RIAstWIRBIndTbIY_Uls_u2p14[2]                                 | 4915                                   |               |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0] 1434  t_WIRBIndTbIX_MtrNm_u8p8[1] 1459  t_WIRBIndTbIX_MtrNm_u8p8[2] 1485  t_WIRBIndTbIX_MtrNm_u8p8[3] 1510  t_WIRBIndTbIX_MtrNm_u8p8[3] 1510  t_WIRBIndTbIX_MtrNm_u8p8[4] 1536  t_WIRBIndTbIX_MtrNm_u8p8[3] 1530  t_WIRBIndTbIX_MtrNm_u8p8[3] 1530  t_WIRBIndTbIX_MtrNm_u8p8[3] 1530  t_WIRBINDTbIX_MtrNm_u8p8[3] 1530  t_WIRBINDTbIX_MtrNm_u8p8[3] 1530  t_WIRBINDTbIX_MtrNm_u8p8[4] 1536  t_URBINDTbIX_MtrNm_u8p8[4] 1536  t_URBINDTbIX_MtrNm_u8p8[1] 1536  t_URBINDTbIX_MtrNm_u8p8[1] 1536  t_URBINDTbIX_MtrNm_u8p8[1] 1536  t_URBINDTbIX_ | t_RIAstWIRBIndTbIY_Uls_u2p14[3]                                 | 6554                                   |               |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1] 1459  t_WIRBIndTbIX_MtrNm_u8p8[2] 1485  t_WIRBIndTbIX_MtrNm_u8p8[3] 1510  tgt_FrqDepDmpnInrCmp_Per1_BaseAssistCmd_MtrNm_f32.value 1.1  tgt_FrqDepDmpnInrCmp_Per1_EreqDepDmpSir(ComSvcDft_Cnt_Igc.value 1.1  tgt_FrqDepDmpnInrCmp_Per1_FreqDepDmpSir(ComSvcDft_Cnt_Igc.value 1.1  tgt_FrqDepDmpnInrCmp_Per1_HwTorque_HwNm_f32.value 2.50.03  tgt_FrqDepDmpnInrCmp_Per1_VehicleLonAccel_KphpS_f32.value 35.01  tgt_FrqDepDmpnInrCmp_Per1_VehicleSpeed_Kph_f32.value 240.05  tgt_FrqDepDmpnInrCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 240.05  tgt_Rte_Inst_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_BaseAssistCmd_tmp_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_EreqDepDmpSir_tgt_Rte_Inst_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_ErqDepDmpSir_tgt_Rte_Inst_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32  Name  Actual Value  Expected Value  Expected Value  Exp  | t_RIAstWIRBIndTbIY_Uls_u2p14[4]                                 | 8192                                   |               |        |
| t_WIRBIndTbiX_MtrNm_u8p8[2] 1485  t_WIRBIndTbiX_MtrNm_u8p8[3] 1510  t_WIRBIndTbiX_MtrNm_u8p8[4] 1536  tg_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 1.1  tg_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 250.03  tg_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrlComSvcDft_Cnt_lgc_value 10  tg_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value 250.03  tg_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value 35.01  tg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 240.05  tg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 25.5  tg_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 25.5  tg_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32  tg_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32  tg_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32  tg_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32  tg_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32  tg_FrqDepDmpnInrtCmp_Per1_Per1_Per1_Per1_Per1_Per1_Per1_Per1  | t_WIRBIndTbIX_MtrNm_u8p8[0]                                     | 1434                                   |               |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3] 1510  t_WIRBIndTbIX_MtrNm_u8p8[4] 1536  tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32_value -1.1  tgt_FrqDepDmpnInrtCmp_Per1_ErqDepDmpSrlComSvcDtt_Cnt_Igc.value -250.03  tgt_FrqDepDmpnInrtCmp_Per1_HvTorque_HvNm_f32_value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32_value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32_value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32_value -9.5  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqLepDmpnInrtCmp_Per1_BaseAssistCmc -5.5  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc -1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrlComSvcDtf_Cnt_Igc -1.2  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpNNInrtCmp_Per1_FrqDepDmpNNInr  | t_WIRBIndTbIX_MtrNm_u8p8[1]                                     | 1459                                   |               |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4] 1536  tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 250.03  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 150.03  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 250.03  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32.value 35.01  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 240.05  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value 5.5  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 150.00  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_RepPer1_RepPer1_RepPPmpnInrtCmp_Per1_RepPPmpnInrtCmp_Per1_RepPPmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDep  | t_WIRBIndTbIX_MtrNm_u8p8[2]                                     | 1485                                   |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_r32.value -250.03  tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_FrqDepDmpnInrtCmp_Per1_HvTorque_HwNm_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBlnd_MtrNm_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBlnd_MtrNm_r32.value -9.5  tgt_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBlnd_MtrNm_r32.value -9.5  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc -2.5  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc -2.5  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1 | t_WIRBIndTbIX_MtrNm_u8p8[3]                                     | 1510                                   |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WtRCmdAmpBlid_MtrNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WtRCmdAmpBlid_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_HwTorque_Hwt  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccct  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcccel_KphpS_f32  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32  Name  Actual Value  Expected Value  Result  PreDecelGain_Uls_M_f32  45674.1992  45674.1992  45674.19984 ± 0.0625   | t_WIRBIndTbIX_MtrNm_u8p8[4]                                     | 1536                                   |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value        | -1.1                                   |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection  | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value       | -250.03                                |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  240.05  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itg_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Itg_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIntCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwltg_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccci tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32  Name  Actual Value  Expected Value  Result PreDecelGain_Uls_M_f32  Actual Value  Actual Value  Actual Value  Actual Value  Expected Value  Actual Value   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value | 1                                      |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpSi  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwlt  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccci  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBi  Name  Actual Value  Expected Value  Result  PreDecelGain_Uls_M_f32   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value              | -9.5                                   |               |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpSi  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwlt  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccci  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  tgt_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBi  Name  Actual Value  Expected Value  Result  PreDecelGain_Uls_M_f32   | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value      | 35.01                                  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_HwTorque_Hwl tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpNInrtCmp_Per1_WIRCmdAmpBI  Name  Actual Value  Expected Value  PreDecelGain_Uls_M_f32  Actual Value  A |   | 240.05                                 |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_HwTorque_Hwl tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpNInrtCmp_Per1_WIRCmdAmpBI  Name  Actual Value  Expected Value  PreDecelGain_Uls_M_f32  Actual Value  A |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccc tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Fr |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_1 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwlttg_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccccttg_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itg_FrqDepDmpnInrtCmp_ |   | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0 | Cmd_MtrNm_f32 |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnI |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccct tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI dtt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI ntg_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI dtr_Nm_f32  **Ctual Value**  **Expected Value**  **Result* PreDecelGain_Uls_M_f32  **Actual Value*  **Expected Value*  **Actual Value*  **Expected Value*  **Actual Value*  **Actua |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32  tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAccctcttt_Rtp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt |   |  | •             |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnIn |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  Name Actual Value  Expected Value Result PreDecelGain_Uls_M_f32 45674.1992 45674.1992 45674.19984 ± 0.0625  |   |  |               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32  Name Actual Value Expected Value Result  PreDecelGain_Uls_M_f32 45674.1992 45674.19984 ± 0.0625 ✓   |   |  |               |        |
| Name         Actual Value         Expected Value         Result           PreDecelGain_Uls_M_f32         45674.1992         45674.19984 ± 0.0625         ✓   |   |  | · ·           |        |
| PreDecelGain_Uls_M_f32 45674.1992 45674.19984 ± 0.0625 ✓   |   |  | 1             | Result |
|  |   |  | •             | ~      |
|  |   |  |               | -      |

| tg_rttc_mst_rp_rtqbopbmpmmtomp.rtqbopbmpmmtomp_rert_vmtoma/m | igt_i iqbopbiiipiiiiitoiiip_i | CIT_VIIICONIA/IIIpBINA_IVIIITINI_102 |          |
|--|-------------------------------|--------------------------------------|----------|
| Name   | Actual Value                  | Expected Value                       | Result   |
| PreDecelGain_Uls_M_f32                                       | 45674.1992                    | 45674.19984 ± 0.0625                 | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 57899.4453                    | 57899.44082 ± 0.09                   | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -176.861588                   | -176.8615543 ± 0.00390625            | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -4.5                          | -4.5 ± 0.00048828125                 | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -48.5                         | -48.5 ± 0.00390625                   | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -3.06451631                   | -3.064516129 ± 0.00390625            | ✓        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -2.39147186                   | -2.391419355 ± 0.00390625            | ✓        |
| tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value | -2.5                          | -2.5 ± 0.00048828125                 | <b>✓</b> |



| T →  |       |  |       |          |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached        | 1     | Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached        | 1     | _        |

| Test Step 3.24 (Repeat Count = 1)   |  |  |
|---|--|--|
| Name  | Input Value  |  |
| PreDecelGain_Uls_M_f32  | 127628.71  |  |
| Prev1PreAttnComp_MtrNm_M_f32  | 6.5  |  |
| Prev1ScIDrvVel_RadpS_M_f32  | 163.6  |  |
| Prev2PreAttnComp_MtrNm_M_f32  | 1.1  |  |
| Prev2SclDrvVel_RadpS_M_f32  | 175.3  |  |
| PrevTbarAng_HwDeg_M_f32   | 1.154  |  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa                         | ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |  |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt Rte Inst Ap FrgDepDmpnInrtCmp  |  |
|   | 3.2  |  |
| ΓbarVelFiltSv_M_str.K_Uls_f32   | 0.5599   |  |
| CmnSysKinRatio MtrDegpHwDeg f32   | 27.06  |  |
| c_CmnTbarStiff_NmpDeg_f32   | 1.3  |  |
| c_DmpDecelGainFSlew_UlspS_f32   | 200.09   |  |
| c_DmpDecelGain_Uls_f32  | 2.8  |  |
| c_DmpGainOffThresh_KphpS_f32  | 22.2   |  |
| :_DmpGainOnThresh_KphpS_f32   | 24.6   |  |
| <pre>c_binpGainOffTifesii_rkpipG_i32</pre> <pre>c_lnrtCmp_MtrInertia_KgmSq_f32</pre>          | 0.00034  |  |
| CInrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.6  |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 885  |  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_umTpT/[0][0] 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1] | 986  |  |
|   | 1087   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]  |  |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 1188   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 1288   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 1389   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]  | 1490   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 1591   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 1692   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 1793   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]  | 704  |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 814  |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 924  |  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]  | 1034   |  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]  | 1144   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]  | 1254   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]  | 1364   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 1475   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]  | 1585   |  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]  | 1695   |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 336  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 352  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 368  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 384  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 400  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 416  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 432  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 448  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 464  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 480  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 496  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 512  |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 64   |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 80   |  |

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| Name   | Input Value |  |
|--|-------------|--|
| Name<br>i2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 96          |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][3]  | 112         |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][4]  | 128         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][5]  | 144         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 160         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][7]  | 176         |  |
| :2_FDD_FreqTbIYM_Hz_u12p4[1][7]  | 192         |  |
|  | 208         |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][9]<br>12_FDD_FreqTbIYM_Hz_u12p4[1][10]                | 224         |  |
|  |             |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][11]   | 240         |  |
| :_CmnVehSpd_Kph_u9p7[0]  | 2560        |  |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840        |  |
| :_CmnVehSpd_Kph_u9p7[2]  | 5120        |  |
| :_CmnVehSpd_Kph_u9p7[3]  | 6400        |  |
| :_CmnVehSpd_Kph_u9p7[4]  | 7680        |  |
| CmnVehSpd_Kph_u9p7[5]  | 8960        |  |
| _CmnVehSpd_Kph_u9p7[6]   | 10240       |  |
| _CmnVehSpd_Kph_u9p7[7]   | 11520       |  |
| _CmnVehSpd_Kph_u9p7[8]   | 12800       |  |
| _CmnVehSpd_Kph_u9p7[9]   | 14080       |  |
| _CmnVehSpd_Kph_u9p7[10]  | 15360       |  |
| :_CmnVehSpd_Kph_u9p7[11]   | 16640       |  |
| _DmpADDCoefX_MtrNm_u4p12[0]  | 16794       |  |
| _DmpADDCoefX_MtrNm_u4p12[1]  | 17203       |  |
|  | 17613       |  |
|  | 18022       |  |
| DmpADDCoefX_MtrNm_u4p12[4]   | 18432       |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]   | 18842       |  |
| _DmpADDCoefX_MtrNm_u4p12[6]  | 19251       |  |
| DmpADDCoefX_MtrNm_u4p12[7]   | 19661       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]  | 20070       |  |
|  |             |  |
| _DmpADDCoefX_MtrNm_u4p12[9]  | 20480       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 27264       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 27296       |  |
| DmpDecelGainSlewX_MtrRadpS_u11p5[2]  | 27328       |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 27360       |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]  | 27392       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 27424       |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]  | 680         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[1]   | 688         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]  | 696         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]  | 704         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]  | 712         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]  | 720         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]  | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]  | 9830        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 11469       |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[3]   | 13107       |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 14746       |  |
| DTMpf introvertibility_DtmpRadpS_um1p17[0]   | 161         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 328         |  |
| _FDD_ADDStaticToff_MtfNfmpRadpS_um1p17[1] _FDD_ADDStaticTbfY_MtrNmpRadpS_um1p17[2] | 494         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 661         |  |
|  | 827         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]   |             |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 994         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]   | 1160        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]   | 1326        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   | 1493        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 1659        |  |
| _FDD_AttenTbIX_MtrRadpS_u12p4[0]   | 1760        |  |
| _FDD_AttenTbIX_MtrRadpS_u12p4[1]   | 2000        |  |
| _FDD_AttenTbIY_Uls_u8p8[0]   | 49          |  |
| _FDD_AttenTbIY_Uls_u8p8[1]   | 51          |  |
| _FDD_BlendTblY_Uls_u8p8[0]   | 49          |  |
| _FDD_BlendTblY_Uls_u8p8[1]   | 51          |  |
| _FDD_BlendTblY_Uls_u8p8[2]   | 54          |  |
| _FDD_BlendTblY_Uls_u8p8[3]   | 57          |  |
| _FDD_BlendTblY_Uls_u8p8[4]   | 60          |  |
| · · · ·  | 63          |  |
| _FDD_BlendTblY_Uls_u8p8[5]   |             |  |
| _FDD_BlendTblY_Uls_u8p8[6]   | 66          |  |
| :_FDD_BlendTblY_Uls_u8p8[7]  | 68          |  |
| :_FDD_BlendTblY_Uls_u8p8[8]  | 71          |  |
| t_FDD_BlendTbIY_Uls_u8p8[9]  | 74          |  |

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| Name   | Input Value                      |                            |      |
|--|----------------------------------|----------------------------|------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 77                               |                            |      |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 80                               |                            |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 218                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 230                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 243                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 256                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 269                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 282                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 294                              |                            |      |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 307                              |                            |      |
| InrtCmp ScaleFactorTblY Uls u9p7[8]  | 320                              |                            |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 333                              |                            |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 346                              |                            |      |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 358                              |                            |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 1                                |                            |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 3                                |                            |      |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 4                                |                            |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 5                                |                            |      |
| _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 6                                |                            |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 8                                |                            |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 9                                |                            |      |
| _InrtCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[7]   | 10                               |                            |      |
| InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 12                               |                            |      |
| _intcinp_1barver_scaler actor1bt1_bis_uspr[o]<br>_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]    | 13                               |                            |      |
|  | 14                               |                            |      |
| :_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]<br>:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] | 15                               |                            |      |
| _Interrip_rbalver_scaleractorrbit_ois_uspr[ri]<br>_RIAstWIRBIndTbIY_Uls_u2p14[0]                 | 3277                             |                            |      |
|  | 4915                             |                            |      |
| _RIAstWIRBIndTbIY_UIs_u2p14[1]<br>_RIAstWIRBIndTbIY_UIs_u2p14[2]                                 |                                  |                            |      |
|  |                                  | 6554                       |      |
| :_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 8192                             |                            |      |
| _RIAstWIRBIndTbIY_UIs_u2p14[4]   | 9830                             |                            |      |
| _WIRBIndTblX_MtrNm_u8p8[0]   | 1690                             |                            |      |
| _WIRBIndTblX_MtrNm_u8p8[1]   | 1715                             |                            |      |
| :_WIRBIndTbIX_MtrNm_u8p8[2]  | 1741                             |                            |      |
| _WIRBIndTblX_MtrNm_u8p8[3]   | 1766                             |                            |      |
| _WIRBIndTblX_MtrNm_u8p8[4]   | 1792                             |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | 2.2                              |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | 450.25                           |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value                                   | 0                                |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 1.5                              |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | -35.06                           |                            |      |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 260.02                           |                            |      |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 6.2                              |                            |      |
| gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio                                   | 3.6                              |                            |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssis                                |                                  |                            |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor                                 |                                  | ·                          |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD                                 |                                  |                            |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDn                                 |                                  |                            |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque                                 | _Hwi tgt_FrqDepDmpnInrtCmp_Per1  | _HwTorque_HwNm_f32         |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLo                                | nAcce tgt_FrqDepDmpnInrtCmp_Per1 | _VehicleLonAccel_KphpS_f32 |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp                                | _ 0_ 1 1 1 1-                    |                            |      |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA                                  | mpB tgt_FrqDepDmpnInrtCmp_Per1   | _WIRCmdAmpBInd_MtrNm_f32   |      |
| Name   | Actual Value                     | Expected Value             | Resu |
| PreDecelGain I IIs M f32   | 127628 313                       | 127628 3098 + 0 0625       |      |

| 8  | .   0        | . – –                    |          |
|--|--------------|--------------------------|----------|
| Name   | Actual Value | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 127628.313   | 127628.3098 ± 0.0625     | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -25875.293   | -25875.2916 ± 0.09       | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 270.225586   | 270.2255612 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 6.5          | 6.5 ± 0.00048828125      | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 163.600006   | 163.6 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 1.15384614   | 1.153846154 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.36523604   | 1.365250769 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 3.5999999    | 3.6 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | V        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.25 (Repeat Count = 1)  | ✓   |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32   | 127730.685  |
| Prev1PreAttnComp_MtrNm_M_f32   | -6.5  |
| Prev1ScIDrvVel_RadpS_M_f32   | -90.23  |
| Prev2PreAttnComp MtrNm M f32   | -8.1  |
| Prev2ScIDrvVel_RadpS_M_f32   | -120.1  |
| PrevTbarAng_HwDeg_M_f32  | -0.554  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ | tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                               |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 4.5   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.1258  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 26.02   |
| k_CmnTbarStiff_NmpDeg_f32  | 2.7   |
| k_DmpDecelGainFSlew_UlspS_f32  | 300.06  |
| k_DmpDecelGain_Uls_f32   | 3.5   |
| k_DmpGainOffThresh_KphpS_f32   | 33.2  |
| k_DmpGainOnThresh_KphpS_f32  | 32.2  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00035   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.5   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                              | 1066  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                              | 1212  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                              | 1359  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                              | 1506  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                              | 1653  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]                              | 1800  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]                              | 1946  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]                              | 2093  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                              | 2240  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                              | 2387  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                              | 885   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                              | 986   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                              | 1087  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                              | 1188  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                              | 1288  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                              | 1389  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                              | 1490  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                              | 1591  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                              | 1692  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                              | 1793  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 656   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 672   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 688   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 704   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 720   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 736   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 752   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 768   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][8]  | 784   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 800   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 816   |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][11]   | 832   |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][0]  | 80  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 96  |

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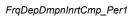
| Name  | Input Value |  |
|---|-------------|--|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                                   | 112         |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                                   | 128         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 144         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]                                    | 160         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]                                    | 176         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]                                    | 192         |  |
| 2_FDD_freqTblYM_Hz_u12p4[1][7]                                    | 208         |  |
|   | 224         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]<br>2_FDD_FreqTblYM_Hz_u12p4[1][10] | 240         |  |
|   |             |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]                                   | 256         |  |
| _CmnVehSpd_Kph_u9p7[0]  | 6784        |  |
| _CmnVehSpd_Kph_u9p7[1]  | 6912        |  |
| _CmnVehSpd_Kph_u9p7[2]  | 7040        |  |
| CmnVehSpd_Kph_u9p7[3]   | 7168        |  |
| _CmnVehSpd_Kph_u9p7[4]  | 7296        |  |
| CmnVehSpd_Kph_u9p7[5]   | 7424        |  |
| _CmnVehSpd_Kph_u9p7[6]  | 7552        |  |
| CmnVehSpd_Kph_u9p7[7]   | 7680        |  |
| _CmnVehSpd_Kph_u9p7[8]  | 7808        |  |
| _CmnVehSpd_Kph_u9p7[9]  | 7936        |  |
| _CmnVehSpd_Kph_u9p7[10]   | 8064        |  |
| _CmnVehSpd_Kph_u9p7[11]   | 8192        |  |
| _DmpADDCoefX_MtrNm_u4p12[0]                                       | 20890       |  |
| _DmpADDCoefX_MtrNm_u4p12[1]                                       | 21299       |  |
| _DmpADDCoefX_MtrNm_u4p12[2]                                       | 21709       |  |
| _DmpADDCoefX_MtrNm_u4p12[3]                                       | 22118       |  |
| _DmpADDCoefX_MtrNm_u4p12[4]                                       | 22528       |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]                                      | 22938       |  |
|   | 23347       |  |
| bnpADDCoefX_MtrNm_u4p12[7]  | 23757       |  |
| mpADDCoefX_MtrNm_u4p12[8]   | 24166       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]                                       | 24576       |  |
| DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 9120        |  |
| DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 9152        |  |
|   | 9184        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                             |             |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                             | 9216        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                             | 9248        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                             | 9280        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[0]                                | 1536        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[1]                                | 1544        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[2]                                | 1552        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[3]                                | 1560        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                                | 1568        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]                                 | 1576        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                                   | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]                                   | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                                   | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                                   | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                                   | 9830        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                          | 161         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                          | 328         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                          | 494         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                          | 661         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                          | 827         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                          | 994         |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                         | 1160        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                          | 1326        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                          | 1493        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]                          | 1659        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                                  | 1920        |  |
|   | 2080        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                                  |             |  |
| _FDD_AttenTblY_Uls_u8p8[0]  | 65          |  |
| _FDD_AttenTblY_Uls_u8p8[1]  | 68          |  |
| _FDD_BlendTblY_Uls_u8p8[0]  | 65          |  |
| E_FDD_BlendTblY_Uls_u8p8[1]                                       | 68          |  |
| _FDD_BlendTblY_Uls_u8p8[2]  | 70          |  |
| _FDD_BlendTblY_Uls_u8p8[3]  | 73          |  |
| _FDD_BlendTblY_Uls_u8p8[4]  | 75          |  |
| _FDD_BlendTblY_Uls_u8p8[5]  | 78          |  |
| _FDD_BlendTblY_Uls_u8p8[6]  | 80          |  |
|   | 83          |  |
| :_FDD_BlendTblY_Uls_u8p8[8]                                       | 86          |  |
|   |             |  |

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| Name  | Input Value       |                      |        |
|---|-------------------|----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 91                |                      |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 93                |                      |        |
| t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[0]                                 | 13                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                 | 26                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                 | 38                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                 | 51                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                 | 64                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                 | 77                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                 | 90                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                 | 102               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                 | 115               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                 | 128               |                      |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[10]                                | 141               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                | 154               |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                         | 15                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                         | 17                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                         | 18                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                         | 19                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                         | 20                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                         | 22                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                         | 23                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                         | 24                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                         | 26                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                         | 27                |                      |        |
|   | 28                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                        | 29                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                        | 4915              |                      |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[0]                                       | 6554              |                      |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[1]                                       |                   |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]                                       | 8192              |                      |        |
| t_RIAstWIRBIndTblY_UIs_u2p14[3]                                       | 9830              |                      |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]                                       | 11469             |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 1894              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1920              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1946              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1971              |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]   | 1997              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value              | -2.2              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value             | -450.14           |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value       | 1                 |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                    | -1.5              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value            | 30.02             |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                 | 270.06            |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value              | 7.2               |                      |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio       | -3.2              | Overal Mitables (OO  |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCl |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe   |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp   | 0= 1 1 1 1= = 1 1 |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr   |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H   | 0= 1 1 1 1= = 1 = | =                    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed |                   | = ' =                |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp    |                   |                      |        |
| Name  | Actual Value      | Expected Value       | Result |
| PreDecelGain_Uls_M_f32  | 127730.086        | 127730.0849 ± 0.0625 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32  | 44157.7891        | 44157.78752 ± 0.09   | ~      |
|   |                   |                      |        |

| 8  | .   0 - 1 - 1 |                           |          |
|--|---------------|---------------------------|----------|
| Name   | Actual Value  | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 127730.086    | 127730.0849 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 44157.7891    | 44157.78752 ± 0.09        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -224.675308   | -224.6753087 ± 0.00390625 | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -6.5          | -6.5 ± 0.00048828125      | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -90.2300034   | -90.23 ± 0.00390625       | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.555555522  | -0.555555556 ± 0.00390625 | ✓        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 3.83605886    | 3.836055556 ± 0.00390625  | ✓        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -3.20000005   | -3.2 ± 0.00048828125      | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.26 (Repeat Count = 1)  |  |
|--|--|
| Name   | Input Value  |
| PreDecelGain_Uls_M_f32   | 127832.66  |
| Prev1PreAttnComp_MtrNm_M_f32   | 7.5  |
| Prev1SclDrvVel_RadpS_M_f32   | -1100.2  |
| Prev2PreAttnComp_MtrNm_M_f32   | 8.1  |
| Prev2SclDrvVel_RadpS_M_f32   | -36.2  |
| PrevTbarAng_HwDeg_M_f32  | 0.8  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPate)                           | th_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                                      |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -4.5   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.2365   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 53.12  |
| k_CmnTbarStiff_NmpDeg_f32  | 3.1  |
| k_DmpDecelGainFSlew_UlspS_f32  | 200.02   |
| k_DmpDecelGain_Uls_f32   | 3.9  |
| k_DmpGainOffThresh_KphpS_f32   | 15.2   |
| k_DmpGainOnThresh_KphpS_f32  | 40.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00036  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.89   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 1246   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]  | 1638   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]  | 2030   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]  | 2422   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 2814   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 3206   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]  | 3598   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 3990   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]  | 4382   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 4774   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]  | 1066   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 1212   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 1359   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 1506   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 1653   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]  | 1800   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]  | 1946   |
|  | 2093   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]<br>t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] | 2240   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]  | 2387   |
|  | 1296   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                 | 1312   |
|  | 1328   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 1344<br>1360   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 1376   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 1392   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 1408   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 1424   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 1440   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 1456   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 1472   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 96   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 112  |

FrqDepDmpnInrtCmp\_Per1

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|   | TOTAL TIME        |
|---|-------------------|
| Name  | Input Value       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 128               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 144               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 160               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 176               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 192               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 208               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 224               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 240               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 256               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]  | 272               |
| t_CmnVehSpd_Kph_u9p7[0]   | 128               |
| t_CmnVehSpd_Kph_u9p7[1]   | 256               |
| t_CmnVehSpd_Kph_u9p7[2]   | 384               |
| t_CmnVehSpd_Kph_u9p7[3]   | 512               |
| t_CmnVehSpd_Kph_u9p7[4]   | 640               |
| t_CmnVehSpd_Kph_u9p7[5]   | 768               |
| t_CmnVehSpd_Kph_u9p7[6]   | 896               |
| t_CmnVehSpd_Kph_u9p7[7]   | 1024              |
| t_CmnVehSpd_Kph_u9p7[8]   | 1152<br>1280      |
| t_CmnVehSpd_Kph_u9p7[9]<br>t_CmnVehSpd_Kph_u9p7[10]                                 | 1408              |
| t_CmnVehSpd_Kph_u9p7[10]  | 1536              |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 24986             |
| t DmpADDCoefX MtrNm u4p12[1]  | 25395             |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 25805             |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 26214             |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 26624             |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 27034             |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 27443             |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 27853             |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 28262             |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 28672             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 32320             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 32352             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]   | 32384             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 32416             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]   | 32448             |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 32480             |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]  | 1480              |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]  | 1488              |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]  | 1496              |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]  | 1504              |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]  | 1512              |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]  | 1520              |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[0]  | 4915              |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[1]  | 6554              |
| t_DmpFiltKpWlRBIndY_Uls_u2p14[2]<br>t_DmpFiltKpWlRBIndY_Uls_u2p14[3]                | 8192<br>9830      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 11469             |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 1608              |
| t FDD ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 2032              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]   | 2455              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]   | 2878              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]   | 3302              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 3725              |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]   | 4148              |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]   | 4572              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   | 4995              |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 5419              |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]   | 2080              |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]   | 2160              |
| t_FDD_AttenTblY_Uls_u8p8[0]   | 93                |
| t_FDD_AttenTblY_Uls_u8p8[1]   | 96                |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 93                |
| t_FDD_BlendTblY_Uls_u8p8[1]   | 96                |
| t_FDD_BlendTblY_Uls_u8p8[2]   | 99                |
| t_FDD_BlendTblY_Uls_u8p8[3]   | 101               |
|   |                   |
| t_FDD_BlendTblY_Uls_u8p8[4]   | 104               |
| t_FDD_BlendTblY_Uls_u8p8[5]   | 106               |
| t_FDD_BlendTblY_Uls_u8p8[5]<br>t_FDD_BlendTblY_Uls_u8p8[6]                          | 106<br>109        |
| t_FDD_BlendTblY_Uls_u8p8[5] t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7] | 106<br>109<br>111 |
| t_FDD_BlendTblY_Uls_u8p8[5]<br>t_FDD_BlendTblY_Uls_u8p8[6]                          | 106<br>109        |

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| Name   | Input Value                            |                         |        |
|--|--|-------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 119                                    |                         |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 122                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 26                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 38                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 51                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 64                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 77                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 90                                     |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 102                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 115                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 128                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 141                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 154                                    |                         |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 166                                    |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 31                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 32                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 33                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 35                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 36                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 37                                     |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]  | 38                                     |                         |        |
| t_InttCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 40                                     |                         |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 41                                     |                         |        |
|  |  |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 42<br>44                               |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 45                                     |                         |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   |  |                         |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 6554                                   |                         |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]  | 8192                                   |                         |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 9830                                   |                         |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 11469                                  |                         |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 13107                                  |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]  | 794                                    |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]  | 819                                    |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 845                                    |                         |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 870                                    |                         |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]  | 896                                    |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | 3.3                                    |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | 550.2                                  |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1                                      |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | 2.5                                    |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | -50                                    |                         |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 280.02                                 |                         |        |
| $tgt\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBInd\_MtrNm\_f32.value$  | 5.2                                    |                         |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio  | 4.4                                    |                         |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmp. The properties of the proper$   | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssi    | stCmd_MtrNm_f32         |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorV$                            | tgt_FrqDepDmpnInrtCmp_Per1_CRFMoto     | rVel_MtrRadpS_f32       |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpStart(Cmp\_Per1\_FreqDepDmpSt$   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepI    | DmpSrlComSvcDft_Cnt_lgc |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$   | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDi    | mpnInrtCmp_MtrNm_f32    |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter_Ap\_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_$  | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque    | e_HwNm_f32              |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc   | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLo   | nAccel_KphpS_f32        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_$ | I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSp | peed_Kph_f32            |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE  | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmd      | AmpBlnd_MtrNm_f32       |        |
| Name   | Actual Value                           | Expected Value          | Result |
| Dup Decel Cain I IIIa M 600  | 407000 050                             | 127022 20 + 0.0025      |        |

| 8  | .   0 = 1 1 1 1 = = | . – –                     |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 127832.258          | 127832.26 ± 0.0625        | •        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -2236951.25         | -2236951.286 ± 9.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 488.806824          | 488.8068117 ± 0.00390625  | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 7.5                 | 7.5 ± 0.00048828125       | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -1100.19995         | -1100.2 ± 0.00390625      | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 0.806451619         | 0.806451613 ± 0.00390625  | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -2.67284751         | -2.672846774 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 4.4000001           | 4.4 ± 0.00048828125       | <b>✓</b> |



| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.27 (Repeat Count = 1)                                       |  |
|---|--|
| Name  | Input Value  |
| PreDecelGain_Uls_M_f32  | 127934.635   |
| Prev1PreAttnComp_MtrNm_M_f32  | -7.5   |
| Prev1SclDrvVel_RadpS_M_f32  | 250.05   |
| Prev2PreAttnComp_MtrNm_M_f32  | -7.7   |
| Prev2SclDrvVel_RadpS_M_f32  | 11.5   |
| PrevTbarAng_HwDeg_M_f32   | -0.51  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPati | h_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                                      |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 5.5  |
| TbarVelFiltSv_M_str.K_Uls_f32   | 0.35874  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                       | 75.12  |
| k_CmnTbarStiff_NmpDeg_f32   | 4.8  |
| k_DmpDecelGainFSlew_UlspS_f32   | 300.03   |
| k_DmpDecelGain_Uls_f32  | 3.7  |
| k_DmpGainOffThresh_KphpS_f32  | 20.2   |
| k_DmpGainOnThresh_KphpS_f32   | 48.2   |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.00037  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                    | 0.3  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                         | 1427   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                         | 1655   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                         | 1884   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                         | 2112   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                         | 2340   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                         | 2568   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                         | 2796   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                         | 3024   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                         | 3252   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                         | 3480   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                         | 1246   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                         | 1638   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                         | 2030   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                         | 2422   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                         | 2814   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                         | 3206   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                         | 3598   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                         | 3990   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                         | 4382   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                         | 4774   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 1136   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 1152   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 1168   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]   | 1184   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]   | 1200   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]   | 1216   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 1232   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]   | 1248   |
| t2_FDD_rreqTblYM_Hz_u12p4[0][7]   | 1264   |
| t2_FDD_rreqTblYM_Hz_u12p4[0][9]   | 1280   |
| t2_FDD_rreqTblYM_Hz_u12p4[0][10]  | 1296   |
| tz_FDD_FreqTblYM_Hz_u12p4[0][10]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][11]    | 1312   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]        | 336  |
| tz_FDD_FreqTblYM_Hz_u12p4[1][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[1][1]      | 352  |
| re_i DD_i ioqibi i ivi_iiz_qizp4[i][i]                                  | JJL  |

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|--|-------------|--|
| Name                                     | Input Value |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][2]           | 368         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]           | 384         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]           | 400         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]           | 416         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]           | 432         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]           | 448         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]           | 464         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]           | 480         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]          | 496         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]          | 512         |  |
| CmnVehSpd_Kph_u9p7[0]                    | 2560        |  |
| _CmnVehSpd_Kph_u9p7[1]                   | 3840        |  |
| _CmnVehSpd_Kph_u9p7[2]                   | 5120        |  |
|  | 6400        |  |
| _CmnVehSpd_Kph_u9p7[3]                   |             |  |
| _CmnVehSpd_Kph_u9p7[4]                   | 7680        |  |
| CmnVehSpd_Kph_u9p7[5]                    | 8960        |  |
| _CmnVehSpd_Kph_u9p7[6]                   | 10240       |  |
| _CmnVehSpd_Kph_u9p7[7]                   | 11520       |  |
| _CmnVehSpd_Kph_u9p7[8]                   | 12800       |  |
| CmnVehSpd_Kph_u9p7[9]                    | 14080       |  |
| _CmnVehSpd_Kph_u9p7[10]                  | 15360       |  |
| CmnVehSpd_Kph_u9p7[11]                   | 16640       |  |
| _DmpADDCoefX_MtrNm_u4p12[0]              | 28262       |  |
| _DmpADDCoefX_MtrNm_u4p12[1]              | 28672       |  |
| DmpADDCoefX_MtrNm_u4p12[2]               | 29082       |  |
| _DmpADDCoefX_MtrNm_u4p12[3]              | 29491       |  |
| _DmpADDCoefX_MtrNm_u4p12[4]              | 29901       |  |
| _DmpADDCoefX_MtrNm_u4p12[5]              | 30310       |  |
| _DmpADDCoefX_MtrNm_u4p12[6]              | 30720       |  |
| DmpADDCoefX_MtrNm_u4p12[7]               | 31130       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]              | 31539       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]              | 31949       |  |
| DmpDecelGainSlewX_MtrRadpS_u11p5[0]      | 30592       |  |
| DmpDecelGainSlewX_MtrRadpS_u11p5[1]      | 30624       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]     | 30656       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]     | 30688       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]     | 30720       |  |
| _bmpDecelGainSlewX_MtrRadpS_u11p5[5]     | 30752       |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]        | 1208        |  |
|  |             |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]        | 1216        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]        | 1224        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]        | 1232        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]        | 1240        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]        | 1248        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[0]           | 1638        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 3277        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[2]           | 4915        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[3]           | 6554        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[4]           | 8192        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 1789        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 2130        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 2471        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 2811        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 3152        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 3493        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 3834        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 4175        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]  | 4515        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 4856        |  |
| FDD_AttenTblX_MtrRadpS_u12p4[0]          | 1680        |  |
|  | 2240        |  |
| FDD_AttenTblX_MtrRadpS_u12p4[1]          |             |  |
| FDD_AttenTblY_Uls_u8p8[0]                | 116         |  |
| FDD_AttenTblY_Uls_u8p8[1]                | 118         |  |
| FDD_BlendTblY_Uls_u8p8[0]                | 116         |  |
| FDD_BlendTbIY_Uls_u8p8[1]                | 118         |  |
| FDD_BlendTbIY_Uls_u8p8[2]                | 121         |  |
| FDD_BlendTbIY_Uls_u8p8[3]                | 123         |  |
| _FDD_BlendTblY_Uls_u8p8[4]               | 126         |  |
| _FDD_BlendTblY_Uls_u8p8[5]               | 129         |  |
| _FDD_BlendTblY_Uls_u8p8[6]               | 131         |  |
| FDD_BlendTblY_Uls_u8p8[7]                | 134         |  |
| _FDD_BlendTblY_Uls_u8p8[8]               | 136         |  |
|  |             |  |

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| Name   | Input Value       |                      |        |
|--|-------------------|----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 141               |                      |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 144               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 51                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 64                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 77                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 90                |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 102               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 115               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 128               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 141               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 154               |                      |        |
|  | 166               |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t InrtCmp ScaleFactorTblY Uls u9p7[10] | 179               |                      |        |
|  |                   |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                       | 192               |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                                | 46                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                                | 47                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                                | 49                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                                | 50                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                                | 51                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                                | 52                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                                | 54                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                                | 55                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                                | 56                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                                | 58                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                               | 59                |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                               | 60                |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 8192              |                      |        |
| t_RIAstWIRBIndTbIY_Uls_u2p14[1]  | 9830              |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 11469             |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 13107             |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 14746             |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1050              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1075              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1101              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1126              |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1152              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                     | -3.3              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                    | -550.3            |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value              | 0                 |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                           | -2.5              |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                   | 50                |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                        | 290.01            |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                     | 1.3               |                      |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio              | -4.6              |                      |        |
| tgt_Rte_Inst_Ap_rqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCi         |                   | stCmd MtrNm f32      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe          |                   |                      |        |
| tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmp          |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr          | 0= 1 1 1 1= = 1 1 | - = = •              |        |
|  |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_H          |                   |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc        | 0- 1 1 1          |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed        |                   | · ·                  |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp           | <u> </u>          | i                    | 1_     |
| Name   | Actual Value      | Expected Value       | Result |
| PreDecelGain_Uls_M_f32   | 127934.031        | 127934.0349 ± 0.0625 | ~      |
| Prev1PreAttnComp_MtrNm_M_f32   | 415103.719        | 415103.7843 ± 0.9    | ~      |

| Name   | Actual Value | Expected Value            | Result   |
|--|--------------|---------------------------|----------|
| PreDecelGain_Uls_M_f32                                       | 127934.031   | 127934.0349 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 415103.719   | 415103.7843 ± 0.9         | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -164.116653  | -164.1166652 ± 0.00390625 | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -7.5         | -7.5 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 250.050003   | 250.05 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.520833313 | -0.520833333 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.58375692   | 1.583755 ± 0.00390625     | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -4.5999999   | -4.6 ± 0.00048828125      | <b>✓</b> |

FrqDepDmpnInrtCmp\_Per1

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T
Actual Function Count Expected Function Count Result

Rte\_Call\_FrqDepDmpnInrtCmp\_Per1\_CP0\_CheckpointReached

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| Name                                     | Input Value |  |
|--|-------------|--|
| Name<br>t2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 688         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][3]           | 704         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]           | 720         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]           | 736         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]           | 752         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]           | 768         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]           | 784         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]           | 800         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]           |             |  |
|  | 816         |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]          | 832         |  |
| _CmnVehSpd_Kph_u9p7[0]                   | 12800       |  |
| _CmnVehSpd_Kph_u9p7[1]                   | 12928       |  |
| _CmnVehSpd_Kph_u9p7[2]                   | 13056       |  |
| _CmnVehSpd_Kph_u9p7[3]                   | 13184       |  |
| _CmnVehSpd_Kph_u9p7[4]                   | 13312       |  |
| _CmnVehSpd_Kph_u9p7[5]                   | 13440       |  |
| _CmnVehSpd_Kph_u9p7[6]                   | 13568       |  |
| _CmnVehSpd_Kph_u9p7[7]                   | 13696       |  |
| _CmnVehSpd_Kph_u9p7[8]                   | 13824       |  |
| _CmnVehSpd_Kph_u9p7[9]                   | 13952       |  |
| _CmnVehSpd_Kph_u9p7[10]                  | 14080       |  |
| _CmnVehSpd_Kph_u9p7[11]                  | 14208       |  |
| _DmpADDCoefX_MtrNm_u4p12[0]              | 4506        |  |
| _DmpADDCoefX_MtrNm_u4p12[1]              | 4915        |  |
| _DmpADDCoefX_MtrNm_u4p12[2]              | 5325        |  |
| _DmpADDCoefX_MtrNm_u4p12[3]              | 5734        |  |
| _DmpADDCoefX_MtrNm_u4p12[4]              | 6144        |  |
| _DmpADDCoefX_MtrNm_u4p12[5]              | 6554        |  |
| _DmpADDCoefX_MtrNm_u4p12[6]              | 6963        |  |
| _DmpADDCoefX_MtrNm_u4p12[7]              | 7373        |  |
| _DmpADDCoefX_MtrNm_u4p12[8]              | 7782        |  |
| _DmpADDCoefX_MtrNm_u4p12[9]              | 8192        |  |
| mpDecelGainSlewX_MtrRadpS_u11p5[0]       | 3872        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[1]     | 3904        |  |
|  | 3936        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]     | 3968        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]     | 4000        |  |
| :_DmpDecelGainGlewX_MtrRadpS_u11p5[5]    | 4032        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]        | 1480        |  |
|  | 1488        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[1]        |             |  |
| _DmpDecelGainSlewY_UlspS_u13p3[2]        | 1496        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[3]        | 1504        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]        | 1512        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]        | 1520        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]          | 3277        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 4915        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]          | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]          | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]          | 9830        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] | 1608        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1] | 2032        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] | 2455        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] | 2878        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] | 3302        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] | 3725        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] | 4148        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] | 4572        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] | 4995        |  |
|  | 5419        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]         | 1648        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]         | 2320        |  |
| _FDD_AttenTblY_Uls_u8p8[0]               | 144         |  |
| _FDD_AttenTblY_Uls_u8p8[1]               | 146         |  |
| _FDD_BlendTblY_Uls_u8p8[0]               | 144         |  |
| _FDD_BlendTblY_Uls_u8p8[1]               | 146         |  |
|  | 149         |  |
| _FDD_BlendTblY_Uls_u8p8[2]               |             |  |
| _FDD_BlendTblY_Uls_u8p8[3]               | 152         |  |
| _FDD_BlendTblY_Uls_u8p8[4]               | 154         |  |
| _FDD_BlendTblY_Uls_u8p8[5]               | 157         |  |
| _FDD_BlendTblY_Uls_u8p8[6]               | 159         |  |
| _FDD_BlendTblY_Uls_u8p8[7]               | 162         |  |
| _FDD_BlendTblY_Uls_u8p8[8]               | 164         |  |
| t_FDD_BlendTblY_Uls_u8p8[9]              | 167         |  |

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| Name   | Input Value                            |                       |        |
|--|--|-----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 169                                    |                       |        |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 172                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 179                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 192                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 205                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 218                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 230                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 243                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 256                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 269                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 282                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 294                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                       | 307                                    |                       |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                       | 320                                    |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                                | 61                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                                | 63                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                                | 64                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                                | 65                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                                | 67                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                                | 68                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                                | 69                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                                | 70                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                                | 72                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                                | 73                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                               | 74                                     |                       |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                               | 76                                     |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 6554                                   |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 8192                                   |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 9830                                   |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 11469                                  |                       |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]  | 13107                                  |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1306                                   |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1331                                   |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1357                                   |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1382                                   |                       |        |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1408                                   |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                     | 4.4                                    |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value                    | 650.01                                 |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value              | 0                                      |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                           | 3.5                                    |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value                   | 0                                      |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                        | 305.05                                 |                       |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                     | 2.3                                    |                       |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio              | 5.5                                    |                       |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc       | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC | Cmd_MtrNm_f32         |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I       | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe  | el_MtrRadpS_f32       |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpS$ | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm   | pSrlComSvcDft_Cnt_lgc |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn        | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | nInrtCmp_MtrNm_f32    |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl        | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_l  | HwNm_f32              |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce      | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | accel_KphpS_f32       |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_       | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | ed_Kph_f32            |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB          | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | pBInd_MtrNm_f32       |        |
| Name   | Actual Value                           | Expected Value        | Result |
| PreDecelGain_Uls_M_f32   | 128036.406                             | 128036.4099 ± 0.0625  | ~      |
| Prev1PreAttnComp_MtrNm_M_f32   | 34435492                               | 34435493.31 ± 99.9    | •      |

| <u> </u>   | .   0 = 1    | . – –                    |          |
|--|--------------|--------------------------|----------|
| Name   | Actual Value | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 128036.406   | 128036.4099 ± 0.0625     | •        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 34435492     | 34435493.31 ± 99.9       | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | 130.127335   | 130.127343 ± 0.00390625  | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 8.5          | 8.5 ± 0.00048828125      | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 5000.02979   | 5000.03 ± 0.00390625     | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | 0.673076928  | 0.673076923 ± 0.00390625 | ✓        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 0.261120796  | 0.261126154 ± 0.00390625 | <b>✓</b> |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 5.5          | 5.5 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | -        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.29 (Repeat Count = 1)  |  |
|--|--|
| Name   | Input Value  |
| PreDecelGain Uls M f32   | 128138.585   |
| Prev1PreAttnComp_MtrNm_M_f32   | -8.5   |
| Prev1ScIDrvVel_RadpS_M_f32   | -26.3  |
| Prev2PreAttnComp_MtrNm_M_f32   | -6.6   |
| Prev2ScIDrvVel_RadpS_M_f32   | 175.2  |
| PrevTbarAng_HwDeg_M_f32  | -0.51  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP                       | Path_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio |
| Rte Inst Ap FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp  |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 6.1  |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.58963  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 28.12  |
| k_CmnTbarStiff_NmpDeg_f32  | 6.8  |
| k_DmpDecelGainFSlew_UlspS_f32  | 200.02   |
| k_DmpDecelGain_Uls_f32   | 5.9  |
| k_DmpGainOffThresh_KphpS_f32   | 30.2   |
| k_DmpGainOnThresh_KphpS_f32  | 8.3  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00039  |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.1  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 1789   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 2130   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]  | 2471   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]  | 2811   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 3152   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]  | 3493   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]  | 3834   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]  | 4175   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]  | 4515   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]  | 4856   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]  | 1608   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 2032   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]  | 2455   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]  | 2878   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]  | 3302   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]  | 3725   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]  | 4148   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 4572   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 4995   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]  | 5419   |
| t2_FDD_ADDK0iiiiig1bi11iii_muiNiiipkaaps_ui11ff17[1][9]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][0] | 496  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]<br>t2_FDD_FreqTblYM_Hz_u12p4[0][1]                         | 512  |
|  |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  | 528<br>544   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 560  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  |  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 576  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 592  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 608  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 624  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 640  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 656  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 672  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 1296   |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][1]  | 1312   |

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| Name   | Input Value |  |
|--|-------------|--|
| Name<br>t2_FDD_FreqTblYM_Hz_u12p4[1][2]                            | 1328        |  |
| ız_FDD_FreqTbIYM_Hz_u12p4[1][2]<br>ı2_FDD_FreqTbIYM_Hz_u12p4[1][3] | 1344        |  |
| 12_FDD_FreqTblYM_Hz_u12p4[1][4]                                    | 1360        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]                                     | 1376        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]                                     | 1392        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]                                     | 1408        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]                                     | 1424        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]                                     | 1440        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]                                    | 1456        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]                                    | 1472        |  |
| : CmnVehSpd Kph u9p7[0]  | 15488       |  |
| _CmnVehSpd_Kph_u9p7[1]   | 15616       |  |
| _CmnVehSpd_Kph_u9p7[2]   | 15744       |  |
| _CmnVehSpd_Kph_u9p7[3]   | 15872       |  |
| _CmnVehSpd_Kph_u9p7[4]   | 16000       |  |
| :_CmnVehSpd_Kph_u9p7[5]  | 16128       |  |
| _CmnVehSpd_Kph_u9p7[6]   | 16256       |  |
| _CmnVehSpd_Kph_u9p7[7]   | 16384       |  |
| _CmnVehSpd_Kph_u9p7[8]   | 16512       |  |
| _CmnVehSpd_Kph_u9p7[9]   | 16640       |  |
| _CmnVehSpd_Kph_u9p7[10]  | 16768       |  |
| _CmnVehSpd_Kph_u9p7[11]  | 16896       |  |
| :_CmnvenSpd_kpn_usp7[11]<br>:_DmpADDCoefX_MtrNm_u4p12[0]           | 8602        |  |
| _DmpADDCoetX_MtrNm_u4p12[0]<br>_DmpADDCoefX_MtrNm_u4p12[1]         | 9011        |  |
| :_DmpADDCoefX_MtrNm_u4p12[1]                                       | 9421        |  |
|  | 9830        |  |
| :_DmpADDCoefX_MtrNm_u4p12[3]                                       | 10240       |  |
| :_DmpADDCoefX_MtrNm_u4p12[4]                                       |             |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]                                       | 10650       |  |
| :_DmpADDCoefX_MtrNm_u4p12[6]                                       | 11059       |  |
| _DmpADDCoefX_MtrNm_u4p12[7]  | 11469       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]  | 11878       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]  | 12288       |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]                               | 4192        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                              | 4224        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                              | 4256        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                              | 4288        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                              | 4320        |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                              | 4352        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[0]                                 | 2408        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                                 | 2416        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[2]                                 | 2424        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[3]                                 | 2432        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[4]                                 | 2440        |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]                                  | 2448        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]                                    | 4915        |  |
| DmpFiltKpWIRBIndY_Uls_u2p14[1]                                     | 6554        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]                                    | 8192        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]                                    | 9830        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]                                    | 11469       |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                           | 1789        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                           | 2130        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]                           | 2471        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                           | 2811        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                           | 3152        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                          | 3493        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                           | 3834        |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                          | 4175        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                           | 4515        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                           | 4856        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]                                   | 1616        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]                                   | 2400        |  |
| _FDD_AttenTblY_Uls_u8p8[0]   | 172         |  |
| _FDD_AttenTblY_Uls_u8p8[1]   | 174         |  |
| _FDD_BlendTblY_Uls_u8p8[0]   | 172         |  |
| _FDD_BlendTblY_Uls_u8p8[1]   | 174         |  |
| :_FDD_BlendTblY_Uls_u8p8[2]  | 176         |  |
| _FDD_BlendTblY_Uls_u8p8[3]   | 178         |  |
| _FDD_BlendTblY_Uls_u8p8[4]   | 180         |  |
| _FDD_BlendTblY_Uls_u8p8[5]   | 183         |  |
| _FDD_BlendTblY_Uls_u8p8[6]   | 185         |  |
| _FDD_BlendTblY_Uls_u8p8[7]   | 187         |  |
| _FDD_BlendTblY_Uls_u8p8[8]   | 189         |  |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 191         |  |

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| FEO BearATM V. Us. ubg/st/1  |  |                                       |                        |       |
|--|--|---------------------------------------|------------------------|-------|
| FEO. Bisorthary. Use .usproject   195      | Name   | Input Value                           |                        |       |
| Inching   South Factor Thy   Us.   1967 11   26  | t_FDD_BlendTbIY_Uls_u8p8[10]   | 193                                   |                        |       |
|  | t_FDD_BlendTblY_Uls_u8p8[11]   | 195                                   |                        |       |
| Inform   SaleFactorThY   Us. up9713   5  | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 13                                    |                        |       |
| Jancher   SauleFactorThY   Us. upp7 6  | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 26                                    |                        |       |
| Jan    | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 38                                    |                        |       |
| InfoRmp_SaleFactorTbY_Us_up75  77   102   102   102    | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 51                                    |                        |       |
| InfiCing, ScaleFactorThY_Us_us_ptyTe   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 64                                    |                        |       |
| Inform, SaleFactorThY_Us_upSyT9    102     Inform, SaleFactorThY_Us_upSyT9    128     Inform, SaleFactorThY_Us_upSyT9    128     Inform, SaleFactorThY_Us_upSyT19    154     Inform, SaleFactorThY_Us_upSyT19    154     Inform, SaleFactorThY_Us_upSyT19    154     Inform, SaleFactorThY_Us_upSyT19    154     Inform, Tsalvel_SaleFactorThY_Us_upSyT19    77     Inform, Tsalvel_SaleFactorThY_Us_upSyT19    78     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    78     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    78     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    81     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    82     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    83     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    84     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    84     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    85     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    86     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    87     Inform, Tsalvel_SaleFactorThY_Us_upSyT3    97     Inform, Tsalvel_SaleFactorThY_Us_upSy   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 77                                    |                        |       |
| Inficing   ScaleFactorTibY   Us. u8p7[8]   15   128   16   16   16   16   16   16   16   1   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 90                                    |                        |       |
| InfCmp_ScaleFactorTbY_Uls_usp7[10]   126   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 102                                   |                        |       |
| InfCincy   ScaleFactorTBY   Uls   usp7[10]   154   154   154   154   154   154   155   1   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 115                                   |                        |       |
| Incring   SaleFactorTbY   Uis upp7[0]   77   78   78   78   78   79   79   79  | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 128                                   |                        |       |
| InfCmp_TBarVel, ScaleFactorTbY_Uis_upp7[1]   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 141                                   |                        |       |
| Infr.Cmp_TBarVel_ScaleFactorTbY_Us_usp7[2]   | t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 154                                   |                        |       |
| IntrCmp_TBarVel   ScaleFactorTibY_Uis_usp7[2]   81   81   82   83   83   83   83   83   83   83  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 77                                    |                        |       |
| InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[3]   81     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[4]   82     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[5]   83     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[6]   84     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   86     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   86     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   86     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[8]   87     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[10]   90     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[10]   90     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   91     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   91     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   91     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   92     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   91     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   92     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   92     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   92     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[11]   92     InfCmp_TBarVel_ScaleFactorTbY_Uls_usp7[10]   90     InfCmp_TBarVel_ScaleFact   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 78                                    |                        |       |
| InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[4]   82     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[5]   83     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[6]   84     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   86     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   88     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   88     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   90     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   90     InnCmp_TBarVel_ScaleFactorTbY_Uls_usp7[7]   91     InnC   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 79                                    |                        |       |
| InfCmp_TBarVel_ScaleFactorTbY_UIs_usp7[5]  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 81                                    |                        |       |
| InfCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | t_InrtCmp_TBarVeI_ScaleFactorTbIY_Uls_u9p7[4]  | 82                                    |                        |       |
| InfCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[7]   86     InfCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[8]   87     InfCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[8]   88     InfCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[10]   90     InfCmp_TBarVel_ScaleFactorTbY_Uls_u9p7[11]   91     InfCmp_TBarVel_Scal   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 83                                    |                        |       |
| InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 84                                    |                        |       |
| InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 86                                    |                        |       |
| InrtCmp_TBarVel_ScaleFactorTblY_Uls_usp7[10]   90     InrtCmp_TBarVel_ScaleFactorTblY_Uls_usp7[11]   91     InrtCmp_TBarVel_ScaleFactorTblY_Uls_usp7[11]   91     InrtCmp_TBarVel_ScaleFactorTblY_Uls_usp7[11]   91     InrtCmp_TBarVel_ScaleFactorTblY_Uls_usp14[0]   1638     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[1]   3277     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[2]   4915     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[3]   6554     InrtCmp_TBarVel_ScaleFactorTblY_Uls_uzp14[4]   6554     InrtCmp_TbarVel_ScaleFactorTbarVel_ScaleFacto   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]  | 87                                    |                        |       |
| IntCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   91   RIASWIRBIndTblY_Uls_u2p14[0]   1638   37   RIASWIRBIndTblY_Uls_u2p14[1]   327   RIASWIRBIndTblY_Uls_u2p14[2]   4915     | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 88                                    |                        |       |
| RIASTWIRBINdTDIY_UIs_u2p14[0]   1638   3277   327   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]   | 90                                    |                        |       |
| RIAStWIRBIndTblY_Uls_u2p14[1]   3277   4915   491   | t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 91                                    |                        |       |
| RIAStWIRBIndTbIY_UIs_u2p14[2]  | t_RIAstWIRBIndTblY_Uls_u2p14[0]  | 1638                                  |                        |       |
| RIAStWIRBIndTbIY_UIs_u2p14[3] 6554  RIAStWIRBIndTbIY_UIs_u2p14[4] 8192  WIRBIndTbIX_MtrNm_u8p8[0] 282  WIRBIndTbIX_MtrNm_u8p8[1] 307  WIRBIndTbIX_MtrNm_u8p8[1] 333  WIRBIndTbIX_MtrNm_u8p8[2] 333  WIRBIndTbIX_MtrNm_u8p8[3] 358  WIRBIndTbIX_MtrNm_u8p8[4] 384  gt_FrqDepDmpnInrCmp_Per1_BaseAssistCmd_MtrNm_f32_value 4.4  gt_FrqDepDmpnInrCmp_Per1_CRFMotorVel_MtrRadpS_f32_value 4.550.08  gt_FrqDepDmpnInrCmp_Per1_HvTorque_HwNm_f32_value 4.550.08  gt_FrqDepDmpnInrCmp_Per1_HvTorque_HwNm_f32_value 4.550.08  gt_FrqDepDmpnInrCmp_Per1_VehicleSpeed_Kph_f32_value 4.002  gt_FrqDepDmpnInrCmp_Per1_VehicleSpeed_Kph_f32_value 315.04  gt_FrqDepDmpnInrCmp_Per1_WiRCmdAmpBind_MtrNm_f32_value 4.3  gt_Rte_Lall_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_BaseAssistCmd_dtrNm_f32_value 4.3  gt_Rte_Lall_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_BaseAssistCmd_dtrNm_f32_value 4.3  gt_Rte_Inst_Ap_FrqDepDmpnInrCmp_FrqDepDmpnInrCmp_Per1_FrqDepDmpnl putcmp_Per1_FrqDepDmpnl putcmp_Per1_FrqDepDmpnl putcmp_Per1_FrqDepDmpnl putcmp_Per1_FrqDepDmpnl putcmp_Per1_BaseAssistCmd_dtrNm_f32_value 4.3  gt_Rte_Inst_Ap_FrqDepDmpnInrCmp_FrqDepDmpnlnrCmp_Per1_FrqDepDmpnl putcmp_Per1_FrqDepDmpnl  | t_RIAstWIRBIndTblY_Uls_u2p14[1]  | 3277                                  |                        |       |
| RIAStWIRBIndTblY_Uls_u2p14[4] 8192  _WIRBIndTblX_MtrNm_u8p8[0] 282  _WIRBIndTblX_MtrNm_u8p8[1] 307  _WIRBIndTblX_MtrNm_u8p8[2] 333  _WIRBIndTblX_MtrNm_u8p8[2] 358  _WIRBIndTblX_MtrNm_u8p8[3] 358  _WIRBIndTblX_MtrNm_u8p8[4] 384  gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 4.4  gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 4.650.08  gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 3.5  gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 315.04  gt_FrqDepDmpnInrtCmp_Per1_VehicleMdAmpBind_MtrNm_f32.value 315.04  gt_FrqDepDmpnInrtCmp_Per1_WirRcmdAmpBind_MtrNm_f32.value 4.3  gt_Rte_Lost_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 1gt_FrqDepDmpnInrtCmp_Per1_DepDmpnInrtCmp_Per1_CRFMotorVel_I 1gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I 1gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I 1gt_FrqDepDmpnInrtCmp_Per1_DepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32  gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WiRCmdAmpBind_MtrNm_f32  | t_RIAstWIRBIndTblY_Uls_u2p14[2]  | 4915                                  |                        |       |
| _WIRBIndTblX_MtrNm_u8p8[0] 282 _WIRBIndTblX_MtrNm_u8p8[1] 307 _WIRBIndTblX_MtrNm_u8p8[2] 333 _WIRBIndTblX_MtrNm_u8p8[2] 333 _WIRBIndTblX_MtrNm_u8p8[3] 358 _WIRBIndTblX_MtrNm_u8p8[4] 384 gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 4.4 gt_FrqDepDmpnInrtCmp_Per1_EreqDepDmpsRfComSvcDft_Cnt_lgc.value 4.4 gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpsRfComSvcDft_Cnt_lgc.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 4.3 gt_FrqDepDmpnInrtCmp_Per1_WRCmdAmp8lind_MtrNm_f32.value 4.3 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphS_f32 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_tph_f | t_RIAstWIRBIndTblY_Uls_u2p14[3]  | 6554                                  |                        |       |
| _WIRBIndTbIX_MtrNm_u8p8[1] 307 _WIRBIndTbIX_MtrNm_u8p8[2] 333 _WIRBIndTbIX_MtrNm_u8p8[3] 358 _WIRBIndTbIX_MtrNm_u8p8[3] 358 _WIRBIndTbIX_MtrNm_u8p8[3] 358 _WIRBIndTbIX_MtrNm_u8p8[4] 368 _gt_FrqDepDmpnIntCmp_Per1_BaseAssistCmd_MtrNm_f32_value 450.08 _gt_FrqDepDmpnIntCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 150.08 _gt_FrqDepDmpnIntCmp_Per1_HwTorque_HwNm_f32_value 150.02 _gt_FrqDepDmpnIntCmp_Per1_VehicleLonAcccel_Kphp5_f32_value 150.02 _gt_FrqDepDmpnIntCmp_Per1_VehicleSpeed_Kph_f32_value 150.02 _gt_FrqDepDmpnIntCmp_FrqDepDmpnIntCmp_Per1_VehicleSpeed_Kph_f32 _gt_Rte_Inst_Ap_FrqDepDmpnIntCmp_FrqDepDmpnIntCmp_Per1_VehicleSpeed_Kph_f32 _gt_Rte_Inst_Ap_FrqDepDmpnIntCmp_FrqDepDmpnIntCmp_Per1_VehicleSpeed_Kph_f32 _gt_FrqDepDmpnIntCmp_Per1_WiRCmdAmpBid_MtrNm_f32   | t_RIAstWIRBIndTblY_Uls_u2p14[4]  | 8192                                  |                        |       |
| _WIRBIndTblX_MtrNm_u8p8[2] 333 _WIRBIndTblX_MtrNm_u8p8[3] 358 _WIRBIndTblX_MtrNm_u8p8[4] 384 gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 4.4 gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 4.5 gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value 4.3 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 315.04 gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value 315.04 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 35.6 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc 35.6 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnl 35.6 gt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnl 35.6 gt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnl 35.6 gt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inte_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inter_Inte | t_WIRBIndTbIX_MtrNm_u8p8[0]  | 282                                   |                        |       |
| _WIRBIndTblX_MtrNm_u8p8[3] 358 _WIRBIndTblX_MtrNm_u8p8[4] 384 gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value 4.4 gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value 4.550.08 gt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrlComSvcDft_Cnt_lgc.value 4.550.08 gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value 4.3 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 315.04 gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value 315.04 gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value 4.3 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_t gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrl gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnAccel_KphpS_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnAccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleDnaccel_KphpS_f32 gt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDep | t_WIRBIndTbIX_MtrNm_u8p8[1]  | 307                                   |                        |       |
|  | t_WIRBIndTbIX_MtrNm_u8p8[2]  | 333                                   |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | t_WIRBIndTbIX_MtrNm_u8p8[3]  | 358                                   |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | t_WIRBIndTbIX_MtrNm_u8p8[4]  | 384                                   |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_HwI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_HwI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_FrqDepDmpnInrtCmp_Per1_Vehicl | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | -4.4                                  |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value -3.5 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value -10.02 gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value -10.02 gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value -3.5 gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio -5.6 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpsIr gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | -650.08                               |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1                                     |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_132.value gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpsi gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -3.5                                  |                        |       |
| gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio gt_Rte_Linst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpSI gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | -10.02                                |                        |       |
| gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI gt_FrqD | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 315.04                                |                        |       |
| tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwlt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 4.3                                   |                        |       |
| tt_trqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_ttt_rqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WRCmdAmpBI  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ | tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio  | -5.6                                  |                        |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ltgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_kpt_f32  gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32  | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmproperspace{-0.00000000000000000000000000000000000$  | tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist | Cmd_MtrNm_f32          |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwlt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Itgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32  | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorV$ | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\  | /el_MtrRadpS_f32       |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32   | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpStart(Cmp\_Per1\_FreqDepDmpSt$   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr  | mpSrlComSvcDft_Cnt_lgc |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32   | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$   | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm   | pnInrtCmp_MtrNm_f32    |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32 gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32  | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnIn$  | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_  | _HwNm_f32              |       |
| gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32   | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccepts and the property of the property $   | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon | Accel_KphpS_f32        |       |
|  | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_$     | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe | ed_Kph_f32             |       |
| Name Actual Value Expected Value Resu  | $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpError = 0.0000000000000000000000000000000000$   | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr   | mpBInd_MtrNm_f32       |       |
|  | Name   | Actual Value                          | Expected Value         | Resul |

| <u> </u>   | .   0 = 1 1 1 1 - 1 = - | . – –                     |          |
|--|-------------------------|---------------------------|----------|
| Name   | Actual Value            | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 128138.188              | 128138.185 ± 0.0625       | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -420468.938             | -420469.0063 ± 0.9        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -64.6186523             | -64.61864443 ± 0.00390625 | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -8.5                    | -8.5 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -26.2999992             | -26.3 ± 0.00390625        | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.514705896            | -0.514705882 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.11588478              | 1.115892294 ± 0.00390625  | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -5.5999999              | -5.6 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | V      |
|--|-------|--|-------|--------|
| Actual Function  | Count | Expected Function  | Count | Result |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |
| DecelGain  | 1     | DecelGain  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~      |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~      |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~      |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~      |

| Test Step 3.30 (Repeat Count = 1)  | <b>✓</b>                          |
|--|-----------------------------------|
| Name   | Input Value                       |
| PreDecelGain_Uls_M_f32   | 128240.56                         |
| Prev1PreAttnComp_MtrNm_M_f32   | 1.3                               |
| Prev1ScIDrvVel_RadpS_M_f32   | 18.2                              |
| Prev2PreAttnComp MtrNm M f32   | 6.6                               |
| Prev2ScIDrvVel_RadpS_M_f32   | -120.8                            |
| PrevTbarAng_HwDeg_M_f32  | 20                                |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32   | -3.5                              |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.63214                           |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 85.13                             |
| k_CmnTbarStiff_NmpDeg_f32  | 0.5                               |
| k_DmpDecelGainFSlew_UlspS_f32  | 300.03                            |
| k_DmpDecelGain_Uls_f32   | 5.8                               |
| k_DmpGainOffThresh_KphpS_f32   | 35.3                              |
| k_DmpGainOnThresh_KphpS_f32  | 12.5                              |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.0004                            |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.4                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                              | 161                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                              | 328                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                              | 494                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                              | 661                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                              | 827                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                              | 994                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                              | 1160                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                              | 1326                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                              | 1493                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                              | 1659                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                              | 1789                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                              | 2130                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                              | 2471                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                              | 2811                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                              | 3152                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                              | 3493                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                              | 3834                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                              | 4175                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                              | 4515                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                              | 4856                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 816                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][1]  | 832                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][2]  | 848                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]  | 864                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  | 880                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 896                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 912                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 928                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 944                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 960                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 976                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 992                               |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 1136                              |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 1152                              |
|  |                                   |

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| Name                                      | Input Value |  |
|---|-------------|--|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]           | 1168        |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]           | 1184        |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]           | 1200        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]            | 1216        |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]            | 1232        |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][7]           | 1248        |  |
| 12_FDD_FreqTbIYM_Hz_u12p4[1][8]           | 1264        |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]           | 1280        |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]          | 1296        |  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]          | 1312        |  |
| t_CmnVehSpd_Kph_u9p7[0]                   | 10368       |  |
|   |             |  |
| t_CmnVehSpd_Kph_u9p7[1]                   | 10496       |  |
| t_CmnVehSpd_Kph_u9p7[2]                   | 10624       |  |
| t_CmnVehSpd_Kph_u9p7[3]                   | 10752       |  |
| t_CmnVehSpd_Kph_u9p7[4]                   | 10880       |  |
| :_CmnVehSpd_Kph_u9p7[5]                   | 11008       |  |
| :_CmnVehSpd_Kph_u9p7[6]                   | 11136       |  |
| :_CmnVehSpd_Kph_u9p7[7]                   | 11264       |  |
| _CmnVehSpd_Kph_u9p7[8]                    | 11392       |  |
| CmnVehSpd_Kph_u9p7[9]                     | 11520       |  |
| :_CmnVehSpd_Kph_u9p7[10]                  | 11648       |  |
| :_CmnVehSpd_Kph_u9p7[11]                  | 11776       |  |
| t_DmpADDCoefX_MtrNm_u4p12[0]              | 12698       |  |
| t_DmpADDCoefX_MtrNm_u4p12[1]              | 13107       |  |
| :_DmpADDCoefX_MtrNm_u4p12[2]              | 13517       |  |
| _DmpADDCoefX_MtrNm_u4p12[3]               | 13926       |  |
| _DmpADDCoefX_MtrNm_u4p12[4]               | 14336       |  |
| :_DmpADDCoefX_MtrNm_u4p12[5]              | 14746       |  |
| _DmpADDCoefX_MtrNm_u4p12[6]               | 15155       |  |
| _DmpADDCoefX_MtrNm_u4p12[7]               | 15565       |  |
| _DmpADDCoefX_MtrNm_u4p12[8]               | 15974       |  |
| _DmpADDCoefX_MtrNm_u4p12[9]               | 16384       |  |
|   | 5792        |  |
|   | 5824        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]     | 5856        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]     | 5888        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]     | 5920        |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]     | 5952        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]        | 1208        |  |
| t_DmpDecelGainGlewY_UlspS_u13p3[1]        | 1216        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]        | 1224        |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]        | 1232        |  |
|   | 1232        |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[4]        |             |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[5]        | 1248        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]           | 6554        |  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[1]          | 8192        |  |
| :_DmpFiltKpWIRBIndY_Uls_u2p14[2]          | 9830        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]           | 11469       |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]           | 13107       |  |
| :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] | 161         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 328         |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]  | 494         |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]  | 661         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 827         |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]  | 994         |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]  | 1160        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 1326        |  |
| _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]  | 1493        |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  | 1659        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]          | 1648        |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[1]          | 2480        |  |
| _FDD_AttenTblY_Uls_u8p8[0]                | 218         |  |
| _FDD_AttenTblY_Uls_u8p8[1]                | 220         |  |
| _FDD_BlendTblY_Uls_u8p8[0]                | 218         |  |
| _FDD_BlendTblY_Uls_u8p8[1]                | 220         |  |
| _FDD_BlendTblY_Uls_u8p8[2]                | 223         |  |
| _FDD_BlendTblY_Uls_u8p8[3]                | 225         |  |
|   |             |  |
| _FDD_BlendTblY_Uls_u8p8[4]                | 227         |  |
| _FDD_BlendTblY_Uls_u8p8[5]                | 230         |  |
| _FDD_BlendTblY_Uls_u8p8[6]                | 232         |  |
| _FDD_BlendTblY_Uls_u8p8[7]                | 234         |  |
| _FDD_BlendTblY_Uls_u8p8[8]                | 237         |  |
| t_FDD_BlendTbIY_Uls_u8p8[9]               | 239         |  |

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| Name  | Input Value                            |                        |       |
|---|--|------------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 241                                    |                        |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 243                                    |                        |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]                                   | 38                                     |                        |       |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[1]                                    | 51                                     |                        |       |
| _InrtCmp_ScaleFactorTblY_Uls_u9p7[2]                                    | 64                                     |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]                                   | 77                                     |                        |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]                                   | 90                                     |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]                                   | 102                                    |                        |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]                                   | 115                                    |                        |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]                                   | 128                                    |                        |       |
| :_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]                                   | 141                                    |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]                                   | 154                                    |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]                                  | 166                                    |                        |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]                                  | 179                                    |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]                           | 92                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]                           | 93                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]                           | 95                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]                           | 96                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]                           | 97                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]                           | 99                                     |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]                           | 100                                    |                        |       |
|   |  |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]                           | 101                                    |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]                           | 102                                    |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]                           | 104                                    |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]                          | 105                                    |                        |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]                          | 106                                    |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 3277                                   |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 4915                                   |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 6554                                   |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 8192                                   |                        |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 9830                                   |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]   | 538                                    |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 563                                    |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 589                                    |                        |       |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 614                                    |                        |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 640                                    |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value                | 5.5                                    |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value               | 110.05                                 |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value         | 0                                      |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value                      | 10                                     |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value              | 10.03                                  |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                   | 325.02                                 |                        |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value                | 5.3                                    |                        |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio         | 6.8                                    |                        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc  |  |                        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_t  | tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV   | el_MtrRadpS_f32        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi   | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm   | npSrlComSvcDft_Cnt_lgc |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn   | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp   | onInrtCmp_MtrNm_f32    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_   | HwNm_f32               |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/ | Accel_KphpS_f32        |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec | ed_Kph_f32             |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB     | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn    | npBlnd_MtrNm_f32       |       |
|   | Actual Value                           | Expected Value         | Resul |

| .ac  |              |                               |          |
|--|--------------|-------------------------------|----------|
| Name   | Actual Value | Expected Value                | Result   |
| PreDecelGain_Uls_M_f32                                       | 128239.961   | 128239.9599 ± 0.0625          | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 224855.719   | 224855.71732493 ± 0.9         | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 42.4358139   | 42.4358127289631 ± 0.00390625 | <b>✓</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.29999995   | 1.3 ± 0.00048828125           | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 18.2000008   | 18.2 ± 0.00390625             | <b>✓</b> |
| PrevTbarAng_HwDeg_M_f32                                      | 20           | 20                            | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -1.28751016  | -1.28751 ± 0.00390625         | •        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 6.80000019   | 6.8 ± 0.00048828125           | <b>✓</b> |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | -        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.31 (Repeat Count = 1)                                 | Innut Value                       |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 45678                             |
| Prev1PreAttnComp_MtrNm_M_f32                                      | -4.5                              |
| Prev1SclDrvVel_RadpS_M_f32  | -48.5                             |
| Prev2PreAttnComp_MtrNm_M_f32                                      | -1.1                              |
| Prev2ScIDrvVel_RadpS_M_f32  | -380.2                            |
| PrevTbarAng_HwDeg_M_f32   | -3.06                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Sign |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                                     | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| barVelFiltSv_M_str.SV_Uls_f32                                     | -2.5                              |
| FbarVelFiltSv_M_str.K_Uls_f32                                     | 0.4488                            |
| c_CmnSysKinRatio_MtrDegpHwDeg_f32                                 | 53.25                             |
| c_CmnTbarStiff_NmpDeg_f32   | 3.1                               |
| c_DmpDecelGainFSlew_UlspS_f32                                     | 1900.08                           |
| c_DmpDecelGain_Uls_f32  | 2.6                               |
| x_DmpGainOffThresh_KphpS_f32                                      | 22.5                              |
| c_DmpGainOnThresh_KphpS_f32                                       | 16.2                              |
| k_InrtCmp_MtrInertia_KgmSq_f32                                    | 0.00033                           |
| c_InrtCmp_MtrVel_ScaleFactor_Uls_f32                              | 0.7                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                    | 704                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                    | 814                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                    | 924                               |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]                    | 1034                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                    | 1144                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                    | 1254                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                    | 1364                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                    | 1475                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                    | 1585                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                    | 1695                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                    | 523                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                    | 1038                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]                    | 1553                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]                    | 2068                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]                    | 2583                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]                    | 3099                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                    | 3614                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                    | 4129                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                    | 4644                              |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]                    | 5159                              |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]                                    | 96                                |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                                    | 112                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]                                    | 128                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]                                    | 144                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]                                    | 160                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]                                    | 176                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]                                    | 192                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]                                    | 208                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]                                    | 224                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]                                    | 240                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                                   | 256                               |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                                   | 272                               |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]                                    | 48                                |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]                                    | 64                                |

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 96 t2 FDD FreqTblYM Hz u12p4[1][4] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 128 t2 FDD FregTblYM Hz u12p4[1][6] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 208 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 224 t\_CmnVehSpd\_Kph\_u9p7[0] 128 t\_CmnVehSpd\_Kph\_u9p7[1] 256 t\_CmnVehSpd\_Kph\_u9p7[2] 384 t\_CmnVehSpd\_Kph\_u9p7[3] 512 t\_CmnVehSpd\_Kph\_u9p7[4] 640 t\_CmnVehSpd\_Kph\_u9p7[5] 768 t\_CmnVehSpd\_Kph\_u9p7[6] 896 1024 t\_CmnVehSpd\_Kph\_u9p7[7] t\_CmnVehSpd\_Kph\_u9p7[8] 1152 t\_CmnVehSpd\_Kph\_u9p7[9] 1280 t\_CmnVehSpd\_Kph\_u9p7[10] 1408 t\_CmnVehSpd\_Kph\_u9p7[11] 1536 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 12698 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 13107 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 13517 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 t DmpADDCoefX MtrNm u4p12[6] 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 30592 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 30624 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 30656 30688 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3]  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4]$ 30720 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 30752 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 448 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 456 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 464 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 472 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 480 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 488  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 8192 t DmpFiltKpWIRBIndY Uls u2p14[4] 9830 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 342 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 683 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 1024 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1364 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 1705 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 2046 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6] 2387 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 2728 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[8] 3068 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 3409 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1760 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 1920 237 t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1] 239 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 20 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 23 26 t FDD BlendTblY Uls u8p8[2] t\_FDD\_BlendTbIY\_Uls\_u8p8[3] 28 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 31 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 33

36

38

41

44

t\_FDD\_BlendTblY\_Uls\_u8p8[6]

t\_FDD\_BlendTblY\_Uls\_u8p8[7]

t\_FDD\_BlendTblY\_Uls\_u8p8[8]

t\_FDD\_BlendTblY\_Uls\_u8p8[9]

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| Name   | Input Value                      |                                 |       |
|--|----------------------------------|---------------------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 46                               |                                 |       |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 49                               |                                 |       |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[0]  | 205                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 218                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 230                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]  | 243                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 256                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 269                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 282                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]  | 294                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 307                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 320                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 333                              |                                 |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 346                              |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 92                               |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 93                               |                                 |       |
|  | 95                               |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 96                               |                                 |       |
|  | 97                               |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]  | 99                               |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] t InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]  | 100                              |                                 |       |
|  |                                  |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[7]  | 101                              |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[8]  | 102                              |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 104                              |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[10]   | 105                              |                                 |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 106                              |                                 |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]  | 1638                             |                                 |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 3277                             |                                 |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]  | 4915                             |                                 |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 6554                             |                                 |       |
| t_RIAstWIRBIndTbIY_Uls_u2p14[4]  | 8192                             |                                 |       |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1434                             |                                 |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1459                             |                                 |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1485                             |                                 |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1510                             |                                 |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1536                             |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | -1.1                             |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | -250.03                          |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 1                                |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -9.5                             |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value   | 35.01                            |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value  | 240.05                           |                                 |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value   | 5.5                              |                                 |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio  | -8.8                             |                                 |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistGepDMpnInrtCmp\_Per1\_BaseAssistGepDMpnInrtCmp\_Per1\_BaseAssistGepDMpnInrtCmp\_Per1\_BaseAssistGepDMpnInrtCmp\_Per1\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAssistGepDMpnInrtCmp\_BaseAss$   | Cmc tgt_FrqDepDmpnInrtCmp_Per1   | _BaseAssistCmd_MtrNm_f32        |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorValue and the property of t$   | 'el_i tgt_FrqDepDmpnInrtCmp_Per1 | _CRFMotorVel_MtrRadpS_f32       |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_FreqDepDmpnInrtCmp\_$                      | npSi tgt_FrqDepDmpnInrtCmp_Per1  | _FreqDepDmpSrlComSvcDft_Cnt_lgc |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$ | onIn tgt_FrqDepDmpnInrtCmp_Per1  | _FrqDepDmpnInrtCmp_MtrNm_f32    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_   | Hwl tgt_FrqDepDmpnInrtCmp_Per1   | _HwTorque_HwNm_f32              |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon/   | Acce tgt_FrqDepDmpnInrtCmp_Per1  | _VehicleLonAccel_KphpS_f32      |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSperitgt$   | ed_l tgt_FrqDepDmpnInrtCmp_Per1  | _VehicleSpeed_Kph_f32           |       |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAnderserververserververserververserververververve$   | npBi tgt_FrqDepDmpnInrtCmp_Per1  | _WIRCmdAmpBInd_MtrNm_f32        |       |
| Name   | Actual Value                     | Expected Value                  | Resul |
| PreDecelGain IIIs M f32  | 45674 1992                       | 45674 19984 ± 0.0625            |       |

|  | h   .3       |                           |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 45674.1992   | 45674.19984 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 57899.4453   | 57899.44082 ± 0.09        | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | -176.861588  | -176.8615543 ± 0.00390625 | <b>~</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -4.5         | -4.5 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -48.5        | -48.5 ± 0.00390625        | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -3.06451631  | -3.064516129 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -2.39147186  | -2.391419355 ± 0.00390625 | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -8.80000019  | -8.8 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | ✓        |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | <b>✓</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | •        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.32 (Repeat Count = 1)   | 🗸                                 |
|---|-----------------------------------|
| Name  | Input Value                       |
| PreDecelGain_Uls_M_f32  | 127628.71                         |
| Prev1PreAttnComp_MtrNm_M_f32  | 6.5                               |
| Prev1ScIDrvVel_RadpS_M_f32  | 163.6                             |
| Prev2PreAttnComp_MtrNm_M_f32  | 1.1                               |
| Prev2ScIDrvVel_RadpS_M_f32  | 175.3                             |
| PrevTbarAng_HwDeg_M_f32   | 1.154                             |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls |                                   |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp   | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp |
| TbarVelFiltSv_M_str.SV_Uls_f32  | 3.2                               |
| TbarVelFiltSv M str.K Uls f32   | 0.5599                            |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32   | 27.06                             |
| k_CmnTbarStiff_NmpDeg_f32   | 1.3                               |
| k_DmpDecelGainFSlew_UlspS_f32   | 200.09                            |
| k_DmpDecelGain_Uls_f32  | 2.8                               |
|   | 22.2                              |
| k_DmpGainOffThresh_KphpS_f32  | 24.6                              |
| k_DmpGainOnThresh_KphpS_f32   | 0.00034                           |
| k_InrtCmp_MtrInertia_KgmSq_f32  | 0.6                               |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32  |                                   |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                             | 885                               |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                             | 986                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                             | 1087                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                             | 1188                              |
| 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]                             | 1288                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                             | 1389                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                             | 1490                              |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                             | 1591                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                             | 1692                              |
| 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                             | 1793                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                             | 704                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                              | 814                               |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                             | 924                               |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                              | 1034                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                              | 1144                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                             | 1254                              |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                              | 1364                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                             | 1475                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                             | 1585                              |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                             | 1695                              |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]   | 336                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]   | 352                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]   | 368                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][3]   | 384                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][4]   | 400                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][5]   | 416                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]   | 432                               |
| t2_FDD_FreqTbIYM_Hz_u12p4[0][7]   | 448                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]   | 464                               |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]   | 480                               |
| 12_FDD_FreqTbIYM_Hz_u12p4[0][10]  | 496                               |
| 12_FDD_FreqTblYM_Hz_u12p4[0][11]  | 512                               |
| 12_FDD_FreqTblYM_Hz_u12p4[1][0]   | 64                                |
| 12_FDD_FreqTblYM_Hz_u12p4[1][1]   | 80                                |
|   |                                   |

FrqDepDmpnInrtCmp\_Per1

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|  | ( 10 10 10 10 10 10 10 10 10 10 10 10 10 |
|--|--|
| Name   | Input Value                              |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]  | 96                                       |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]  | 112                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 128                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 144                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 160                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 176                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 192                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 208                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]   | 224                                      |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]   | 240                                      |
| t_CmnVehSpd_Kph_u9p7[0]  | 2560                                     |
| t_CmnVehSpd_Kph_u9p7[1]  | 3840                                     |
| t_CmnVehSpd_Kph_u9p7[2]  | 5120                                     |
| t_CmnVehSpd_Kph_u9p7[3]  | 6400                                     |
| t_CmnVehSpd_Kph_u9p7[4]  | 7680                                     |
| t_CmnVehSpd_Kph_u9p7[5]  | 8960                                     |
| t_CmnVehSpd_Kph_u9p7[6]  | 10240                                    |
| t_CmnVehSpd_Kph_u9p7[7]  | 11520                                    |
| t_CmnVehSpd_Kph_u9p7[8]  | 12800                                    |
| t_CmnVehSpd_Kph_u9p7[9]  | 14080                                    |
| t_CmnVehSpd_Kph_u9p7[10]   | 15360                                    |
| t_CmnVehSpd_Kph_u9p7[11]   | 16640                                    |
| t_DmpADDCoefX_MtrNm_u4p12[0]   | 16794                                    |
| t DmpADDCoefX MtrNm u4p12[1]   | 17203                                    |
| t_DmpADDCoefX_MtrNm_u4p12[1]   | 17613                                    |
| t_DmpADDCoefX_MtrNm_u4p12[3]   | 18022                                    |
| t_DmpADDCoefX_MtrNm_u4p12[4]   | 18432                                    |
| t_DmpADDCoefX_MtrNm_u4p12[5]   | 18842                                    |
| t_DmpADDCoefX_MtrNm_u4p12[6]   | 19251                                    |
| t_DmpADDCoefX_MtrNm_u4p12[7]   | 19661                                    |
| t_DmpADDCoefX_MtrNm_u4p12[8]   | 20070                                    |
| t_DmpADDCoefX_MtrNm_u4p12[9]   | 20480                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]  | 27264                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]  | 27296                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]  | 27328                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 27360                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]  | 27392                                    |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]  | 27424                                    |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]   | 680                                      |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]   | 688                                      |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]   | 696                                      |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]   | 704                                      |
| t DmpDecelGainSlewY UlspS u13p3[4]   | 712                                      |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]   | 720                                      |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]   | 8192                                     |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]   | 9830                                     |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]   | 11469                                    |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]   | 13107                                    |
|  | 14746                                    |
| t_DmpFiltKpWlRBIndY_Uls_u2p14[4]<br>t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]          | 14746                                    |
|  | 328                                      |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]<br>t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] | 494                                      |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 661                                      |
| t_FDD_ADDStaticTolY_MtrNmpRadpS_um1p17[3]  | 827                                      |
| t_FDD_ADDStaticTolY_MtrNmpRadpS_um1p17[4]  | 994                                      |
| t_FDD_ADDStaticTolY_MtrNmpRadpS_um1p17[6]  | 1160                                     |
|  | 1326                                     |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]<br>t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] | 1493                                     |
|  | 1659                                     |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]  |  |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]  | 1760<br>2000                             |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1] t_FDD_AttenTblY_Uls_u8p8[0]                          | 49                                       |
| t_FDD_AttenTblY_Uls_u8p8[1]  | 51                                       |
| t_FDD_BlendTblY_Uls_u8p8[0]  | 49                                       |
|  |  |
| t_FDD_BlendTblY_Uls_u8p8[1]  | 51                                       |
| t_FDD_BlendTblY_Uls_u8p8[2]  | 54                                       |
| t_FDD_BlendTblY_Uls_u8p8[3]  | 57                                       |
| t_FDD_BlendTblY_Uls_u8p8[4]  | 60                                       |
| t_FDD_BlendTblY_Uls_u8p8[5]  | 63                                       |
| t_FDD_BlendTblY_Uls_u8p8[6]  | 66                                       |
| t_FDD_BlendTblY_Uls_u8p8[7]  | 68                                       |
| t_FDD_BlendTblY_Uls_u8p8[8]  | 71                                       |
| t_FDD_BlendTblY_Uls_u8p8[9]  | 74                                       |

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| Name  | Input Value      |                      |       |
|---|------------------|----------------------|-------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 77               |                      |       |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 80               |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 218              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 230              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 243              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 256              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 269              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 282              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 294              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 307              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 320              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]   | 333              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 346              |                      |       |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 358              |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 1                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 3                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 4                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 5                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 6                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 8                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 9                |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   | 10               |                      |       |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]   | 12               |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 13               |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 14               |                      |       |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 15               |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 3277             |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 4915             |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 6554             |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 8192             |                      |       |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 9830             |                      |       |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 1690             |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[1]   | 1715             |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 1741             |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[3]   | 1766             |                      |       |
| t_WIRBIndTbIX_MtrNm_u8p8[4]   | 1792             |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | 2.2              |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | 450.25           |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 0                |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | 1.5              |                      |       |
| tgt_FrqDepDmpnInrtCmp_Fer1_VehicleLonAccel_KphpS_f32.value  | -35.06           |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 260.02           |                      |       |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value  | 6.2              |                      |       |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio   | 8.8              |                      |       |
| igt_Rie_Call_Ap_FrqDepDmpnInntCmp_Fitinjection_Scom_Fitinjectio<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn      |                  | Cmd MtrNm f32        |       |
| tgt_Rte_inst_Ap_rrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_re11_baseAssiston<br>tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel |                  |                      |       |
|   | _ 0_ 1 1 1 1 = _ | _ , _                |       |
| .gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp<br>.gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn    |                  |                      |       |
|   | 0-111            | ·                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv  |                  |                      |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc   |                  | · ·                  |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed   |                  | •                    |       |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp  | <u> </u>         |                      | -     |
| Name  | Actual Value     | Expected Value       | Resul |
| PreDecelGain_Uls_M_f32  | 127628.313       | 127628.3098 ± 0.0625 |       |

|  | h   .3       |                          |          |
|--|--------------|--------------------------|----------|
| Name   | Actual Value | Expected Value           | Result   |
| PreDecelGain_Uls_M_f32                                       | 127628.313   | 127628.3098 ± 0.0625     | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -25875.293   | -25875.2916 ± 0.09       | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 270.225586   | 270.2255612 ± 0.00390625 | <b>~</b> |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 6.5          | 6.5 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | 163.600006   | 163.6 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 1.15384614   | 1.153846154 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 1.36523604   | 1.365250769 ± 0.00390625 | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 8.80000019   | 8.8 ± 0.00048828125      | <b>✓</b> |



| T  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | <b>~</b> |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | <b>~</b> |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | -        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | ~        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.33 (Repeat Count = 1)              | Immid Value   |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32                         | 127730.685  |
| Prev1PreAttnComp_MtrNm_M_f32                   | -6.5  |
| Prev1ScIDrvVel_RadpS_M_f32                     | -90.23  |
| Prev2PreAttnComp_MtrNm_M_f32                   | -8.1  |
| Prev2SclDrvVel_RadpS_M_f32                     | -120.1  |
| PrevTbarAng_HwDeg_M_f32                        | -0.554  |
|  | alPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp                  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| barVelFiltSv_M_str.SV_Uls_f32                  | 4.5   |
| FbarVelFiltSv_M_str.K_Uls_f32                  | 0.1258  |
| c_CmnSysKinRatio_MtrDegpHwDeg_f32              | 26.02   |
| c_CmnTbarStiff_NmpDeg_f32                      | 2.7   |
| c_DmpDecelGainFSlew_UlspS_f32                  | 300.06  |
| c_DmpDecelGain_Uls_f32                         | 3.5   |
| k_DmpGainOffThresh_KphpS_f32                   | 33.2  |
| c_DmpGainOnThresh_KphpS_f32                    | 32.2  |
| c_InrtCmp_MtrInertia_KgmSq_f32                 | 0.00035   |
| c_InrtCmp_MtrVel_ScaleFactor_Uls_f32           | 0.5   |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] | 1066  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1] | 1212  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] | 1359  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3] | 1506  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4] | 1653  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5] | 1800  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6] | 1946  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] | 2093  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] | 2240  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] | 2387  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] | 885   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] | 986   |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2] | 1087  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] | 1188  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] | 1288  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] | 1389  |
| 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] | 1490  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] | 1591  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] | 1692  |
| 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] | 1793  |
| 2_FDD_FreqTblYM_Hz_u12p4[0][0]                 | 656   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][1]                 | 672   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][2]                 | 688   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][3]                 | 704   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][4]                 | 720   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][5]                 | 736   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][6]                 | 752   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][7]                 | 768   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][8]                 | 784   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][9]                 | 800   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][10]                | 816   |
| 2_FDD_FreqTblYM_Hz_u12p4[0][11]                | 832   |
| 2_FDD_FreqTblYM_Hz_u12p4[1][0]                 | 80  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][1]                 | 96  |

FrqDepDmpnInrtCmp\_Per1

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| ——————————————————————————————————————                       |                | ( |
|--|----------------|---|
| Name   | Input Value    |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]                              | 112            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]                              | 128            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]                              | 144            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]                              | 160            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]                              | 176            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]                              | 192            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]                              | 208            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]                              | 224            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]                             | 240            |   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]                             | 256            |   |
| t_CmnVehSpd_Kph_u9p7[0]                                      | 6784           |   |
| t_CmnVehSpd_Kph_u9p7[1]                                      | 6912           |   |
| t_CmnVehSpd_Kph_u9p7[2]                                      | 7040           |   |
| t_CmnVehSpd_Kph_u9p7[3]                                      | 7168           |   |
| t_CmnVehSpd_Kph_u9p7[4]                                      | 7296           |   |
| t_CmnVehSpd_Kph_u9p7[5]                                      | 7424           |   |
| t_CmnVehSpd_Kph_u9p7[6]                                      | 7552           |   |
| t_CmnVehSpd_Kph_u9p7[7]                                      | 7680           |   |
| t_CmnVehSpd_Kph_u9p7[8]                                      | 7808           |   |
| t_CmnVehSpd_Kph_u9p7[9]                                      | 7936           |   |
| t_CmnVehSpd_Kph_u9p7[10]                                     | 8064           |   |
| t_CmnVehSpd_Kph_u9p7[11]                                     | 8192           |   |
| t_DmpADDCoefX_MtrNm_u4p12[0]                                 | 20890          |   |
| t DmpADDCoefX_MtrNm_u4p12[1]                                 | 21299          |   |
|  |                |   |
| t_DmpADDCoefX_MtrNm_u4p12[2]<br>t_DmpADDCoefX_MtrNm_u4p12[3] | 21709<br>22118 |   |
|  |                |   |
| t_DmpADDCoefX_MtrNm_u4p12[4]                                 | 22528          |   |
| t_DmpADDCoefX_MtrNm_u4p12[5]                                 | 22938          |   |
| t_DmpADDCoefX_MtrNm_u4p12[6]                                 | 23347          |   |
| t_DmpADDCoefX_MtrNm_u4p12[7]                                 | 23757          |   |
| t_DmpADDCoefX_MtrNm_u4p12[8]                                 | 24166          |   |
| t_DmpADDCoefX_MtrNm_u4p12[9]                                 | 24576          |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]                        | 9120           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]                        | 9152           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]                        | 9184           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]                        | 9216           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]                        | 9248           |   |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]                        | 9280           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]                           | 1536           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]                           | 1544           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]                           | 1552           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]                           | 1560           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]                           | 1568           |   |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]                           | 1576           |   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[0]                             | 3277           |   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]                             | 4915           |   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[2]                             | 6554           |   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[3]                             | 8192           |   |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]                             | 9830           |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]                    | 161            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]                    | 328            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]                    | 494            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]                    | 661            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]                    | 827            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]                    | 994            |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]                    | 1160           |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]                    | 1326           |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]                    | 1493           |   |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]                    | 1659           |   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]                            | 1920           |   |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]                            | 2080           |   |
| t_FDD_AttenTblY_Uls_u8p8[0]                                  | 65             |   |
| t_FDD_AttenTblY_Uls_u8p8[1]                                  | 68             |   |
| t_FDD_BlendTblY_Uls_u8p8[0]                                  | 65             |   |
| t_FDD_BlendTblY_Uls_u8p8[1]                                  | 68             |   |
| t_FDD_BlendTblY_Uls_u8p8[2]                                  | 70             |   |
| t_FDD_BlendTblY_Uls_u8p8[3]                                  | 73             |   |
| t_FDD_BlendTblY_Uls_u8p8[4]                                  | 75             |   |
| t_FDD_BlendTblY_Uls_u8p8[5]                                  | 78             |   |
| t_FDD_BlendTblY_Uls_u8p8[6]                                  | 80             |   |
| t_FDD_BlendTblY_Uls_u8p8[7]                                  | 83             |   |
| t_FDD_BlendTblY_Uls_u8p8[8]                                  | 86             |   |
| t_FDD_BlendTblY_Uls_u8p8[9]                                  | 88             |   |
|  | ·              |   |

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| Name  | Input Value                              |                        |        |
|---|--|------------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 91                                       |                        |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 93                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 13                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 26                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 38                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 51                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 64                                       |                        |        |
| t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[5]   | 77                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 90                                       |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]   | 102                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]   | 115                                      |                        |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[9]   | 128                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 141                                      |                        |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 154                                      |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 15                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 17                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 18                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 19                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 20                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 22                                       |                        |        |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]   | 23                                       |                        |        |
| t_InttCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   | 24                                       |                        |        |
|   | 26                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   |  |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 27                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  | 28                                       |                        |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 29                                       |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[0]   | 4915                                     |                        |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[1]   | 6554                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 8192                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 9830                                     |                        |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 11469                                    |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 1894                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 1920                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[2]   | 1946                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 1971                                     |                        |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]   | 1997                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | -2.2                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -450.14                                  |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 1  |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | -1.5                                     |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | 30.02                                    |                        |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 270.06                                   |                        |        |
| $tgt\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBInd\_MtrNm\_f32.value$   | 7.2                                      |                        |        |
| $tgt\_Rte\_Call\_Ap\_FrqDepDmpnInrtCmp\_FltInjection\_SCom\_FltInjectio$  | 0  |                        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmp. The property of the $  | c tgt_FrqDepDmpnInrtCmp_Per1_BaseAssiste | Cmd_MtrNm_f32          |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorV$ | .tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV    | /el_MtrRadpS_f32       |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpStart(Cmp\_Per1\_FreqDepDmpSt$  | tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn     | npSrlComSvcDft_Cnt_lgc |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$  | tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp     | onInrtCmp_MtrNm_f32    |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter_Ap\_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_$   | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_     | HwNm_f32               |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon    | Accel_KphpS_f32        |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst_Ap\_FrqDepDmpnInrtCmp\_Inst_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_Inst_Ap\_FrqDepDmpnInrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_InrtCmp\_$      | I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe  | ed_Kph_f32             |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE   | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn      | npBInd_MtrNm_f32       |        |
| Name  | Actual Value                             | Expected Value         | Result |
| Dup Decel Cain I IIIa M 600   | 127720 000                               | 127720 0040 - 0 0025   |        |

|  | h =          |                           |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 127730.086   | 127730.0849 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 44157.7891   | 44157.78752 ± 0.09        | •        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -224.675308  | -224.6753087 ± 0.00390625 | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -6.5         | -6.5 ± 0.00048828125      | •        |
| Prev2SclDrvVel_RadpS_M_f32                                   | -90.2300034  | -90.23 ± 0.00390625       | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.555555522 | -0.555555556 ± 0.00390625 | ~        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 3.83605886   | 3.836055556 ± 0.00390625  | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 0            | 0 ± 0.00048828125         | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.34 (Repeat Count = 1)                                    |   |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32   | 126812.91   |
| Prev1PreAttnComp_MtrNm_M_f32   | -7.7  |
| Prev1SclDrvVel_RadpS_M_f32   | -28.5   |
| Prev2PreAttnComp_MtrNm_M_f32   | -6.5  |
| Prev2SclDrvVel_RadpS_M_f32   | -297.3  |
| PrevTbarAng_HwDeg_M_f32  | 1.145   |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP | Path_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp   |
| TbarVelFiltSv_M_str.SV_Uls_f32                                       | -4.2  |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.03257   |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32                                    | 55.12   |
| k_CmnTbarStiff_NmpDeg_f32  | 5.5   |
| k_DmpDecelGainFSlew_UlspS_f32  | 1200.05   |
| k_DmpDecelGain_Uls_f32   | 2.5   |
| k_DmpGainOffThresh_KphpS_f32   | 8.2   |
| k_DmpGainOnThresh_KphpS_f32  | 35.2  |
| k_InrtCmp_MtrInertia_KgmSq_f32                                       | 0.00013   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32                                 | 0.5   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]                      | 342   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]                      | 683   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]                      | 1024  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]                      | 1364  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]                      | 1705  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]                      | 2046  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]                      | 2387  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]                      | 2728  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]                      | 3068  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]                      | 3409  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]                      | 161   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]                      | 328   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]                      | 494   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]                      | 661   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]                      | 827   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]                      | 994   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]                      | 1160  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]                      | 1326  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]                      | 1493  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]                      | 1659  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]                                      | 496   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]                                      | 512   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]                                      | 528   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]                                      | 544   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]                                      | 560   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]                                      | 576   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]                                      | 592   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 608   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]                                      | 624   |
| t2_FDD_treqTblYM_Hz_u12p4[0][0]                                      | 640   |
| t2_FDD_reqTblYM_Hz_u12p4[0][9]                                       | 656   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]                                     | 672   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]                                     | 96  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]                                      | 112   |
| re_i DD_i tod i Di i Mi_i i e_u i ep+[ i ][ i ]                      | 112   |

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| Name  | Input Value  |  |
|---|--------------|--|
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 128          |  |
| t2_FDD_FreqTbIYM_Hz_u12p4[1][3]   | 144          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][4]  | 160          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][5]  | 176          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][6]  | 192          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][7]  | 208          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][8]  | 224          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][9]  | 240          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][10]   | 256          |  |
| 2_FDD_FreqTblYM_Hz_u12p4[1][11]   | 272          |  |
| :_CmnVehSpd_Kph_u9p7[0]   | 128          |  |
| _CmnVehSpd_Kph_u9p7[1]  | 256          |  |
| _CmnVehSpd_Kph_u9p7[2]  | 384          |  |
| _CmnVehSpd_Kph_u9p7[3]  | 512          |  |
| c_CmnVehSpd_Kph_u9p7[4]   | 640          |  |
| _CmnVehSpd_Kph_u9p7[5]  | 768          |  |
| _CmnVehSpd_Kph_u9p7[6]  | 896          |  |
| _CmnVehSpd_Kph_u9p7[7]  | 1024         |  |
| _CmnVehSpd_Kph_u9p7[8]  | 1152         |  |
| _CmnVehSpd_Kph_u9p7[9]  | 1280         |  |
| _CmnVehSpd_Kph_u9p7[10]   | 1408<br>1536 |  |
| _CmnVehSpd_Kph_u9p7[11]<br>_DmpADDCoefX_MtrNm_u4p12[0]                            | 12698        |  |
| _DmpADDCoetX_MtrNm_u4p12[0]<br>_DmpADDCoefX_MtrNm_u4p12[1]                        | 13107        |  |
| :_DmpADDCoefX_MtrNm_u4p12[2]  | 13517        |  |
| DmpADDCoefX_MtrNm_u4p12[3]  | 13926        |  |
| DmpADDCoefX_MtrNm_u4p12[4]  | 14336        |  |
| npADDCoefX_MtrNm_u4p12[5]   | 14746        |  |
| mpADDCoefX_MtrNm_u4p12[6]   | 15155        |  |
|   | 15565        |  |
| mpADDCoefX_MtrNm_u4p12[8]   | 15974        |  |
| :_DmpADDCoefX_MtrNm_u4p12[9]  | 16384        |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[0]  | 5280         |  |
| :_DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 5312         |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[2]  | 5344         |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[3]  | 5376         |  |
| _DmpDecelGainSlewX_MtrRadpS_u11p5[4]  | 5408         |  |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 5440         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[0]   | 1480         |  |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]  | 1488         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[2]  | 1496         |  |
| :_DmpDecelGainSlewY_UlspS_u13p3[3]  | 1504         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[4]   | 1512         |  |
| _DmpDecelGainSlewY_UlspS_u13p3[5]   | 1520         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[0]   | 6554         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[1]   | 8192         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[2]   | 9830         |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[3]   | 11469        |  |
| _DmpFiltKpWIRBIndY_Uls_u2p14[4]   | 13107        |  |
| FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 1066         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]  | 1212         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]  | 1359         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  | 1506         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]  | 1653         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]  | 1800         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  | 1946         |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  | 2093<br>2240 |  |
| _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] | 2387         |  |
| _FDD_ADDStatic1b11_MtiNifipRadpS_uff1p17[9]<br>_FDD_AttenTbIX_MtrRadpS_u12p4[0]   | 1296         |  |
| _FDD_AttenTblX_MtrRadpS_u12p4[0]<br>_FDD_AttenTblX_MtrRadpS_u12p4[1]              | 1360         |  |
| _FDD_AttenTblY_Uls_u8p8[0]  | 230          |  |
| _FDD_AttenTblY_Uls_u8p8[1]  | 232          |  |
| _FDD_BlendTblY_Uls_u8p8[0]  | 218          |  |
| _FDD_BlendTblY_Uls_u8p8[1]  | 220          |  |
| _FDD_BlendTblY_Uls_u8p8[2]  | 223          |  |
| _FDD_BlendTblY_Uls_u8p8[3]  | 225          |  |
| _FDD_BlendTblY_Uls_u8p8[4]  | 227          |  |
| _FDD_BlendTblY_Uls_u8p8[5]  | 230          |  |
| _FDD_BlendTblY_Uls_u8p8[6]  | 232          |  |
| :_FDD_BlendTblY_Uls_u8p8[7]   | 234          |  |
| t_FDD_BlendTblY_Uls_u8p8[8]   | 237          |  |
| t_FDD_BlendTblY_Uls_u8p8[9]   | 239          |  |

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| Name   | Input Value                 |          |
|--|-----------------------------|----------|
| t_FDD_BlendTblY_Uls_u8p8[10]   | 241                         |          |
| t_FDD_BlendTblY_Uls_u8p8[11]   | 243                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]  | 38                          |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]  | 51                          |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]  | 64                          |          |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3]  | 77                          |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]  | 90                          |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]  | 102                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]  | 115                         |          |
| t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[7]  | 128                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]  | 141                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]  | 154                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]   | 166                         |          |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]   | 179                         |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]  | 92                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]  | 93                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]  | 95                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]  | 96                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4]  | 97                          |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]  | 99                          |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]  | 100                         |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]  | 101                         |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]  | 102                         |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]  | 104                         |          |
| t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]   | 105                         |          |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]   | 106                         |          |
| t RIAstWIRBIndTblY Uls u2p14[0]  | 6554                        |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]  | 8192                        |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[2]  | 9830                        |          |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]  | 11469                       |          |
| t_RIAstWIRBIndTblY_Uls_u2p14[4]  | 13107                       |          |
| t_WIRBIndTbIX_MtrNm_u8p8[0]  | 1894                        |          |
| t_WIRBIndTbIX_MtrNm_u8p8[1]  | 1920                        |          |
| t_WIRBIndTbIX_MtrNm_u8p8[2]  | 1946                        |          |
| t_WIRBIndTbIX_MtrNm_u8p8[3]  | 1971                        |          |
| t_WIRBIndTbIX_MtrNm_u8p8[4]  | 1997                        |          |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value   | -5.4                        |          |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value  | 200.2                       |          |
|  | 0                           |          |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value  | 6.3                         |          |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value   | -33.05                      |          |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value tat FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value                                 | 190.05                      |          |
|  |                             |          |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value<br>tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio                      | 7.7<br>7.3                  |          |
|  |                             |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm  |                             |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_<br>tat_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS    | 1                           | ot lac   |
| tgt_Rte_inst_Ap_FrqDepDmpninrtCmp.FrqDepDmpninrtCmp_Peri_FreqDepDmpnirt<br>tqt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Peri FrqDepDmpnIr |                             | -0       |
|  |                             | J32      |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw   |                             |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc   |                             |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_   |                             |          |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE  |                             |          |
| Name   | Actual Value Expected Value | e Result |

| <u> </u>   | .   0 = 1 1 1 1 1 - |                           |          |
|--|---------------------|---------------------------|----------|
| Name   | Actual Value        | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126812.906          | 126812.91 ± 0.0625        | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | 267220.719          | 267220.7121 ± 0.9         | <b>✓</b> |
| Prev1SclDrvVel_RadpS_M_f32                                   | 96.8688278          | 96.86883293 ± 0.00390625  | ~        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | -7.69999981         | -7.7 ± 0.00048828125      | <b>✓</b> |
| Prev2SclDrvVel_RadpS_M_f32                                   | -28.5               | -28.5 ± 0.00390625        | ~        |
| PrevTbarAng_HwDeg_M_f32                                      | 1.14545453          | 1.145454545 ± 0.00390625  | •        |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | -4.05580378         | -4.055803727 ± 0.00390625 | •        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | 7.30000019          | 7.3 ± 0.00048828125       | <b>✓</b> |





| Т  |       |  |       | <b>✓</b> |
|--|-------|--|-------|----------|
| Actual Function  | Count | Expected Function  | Count | Result   |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~        |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~        |
| DecelGain  | 1     | DecelGain  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •        |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •        |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~        |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~        |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | ~        |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | ~        |

| Test Step 3.35 (Repeat Count = 1)  |   |
|--|---|
| Name   | Input Value   |
| PreDecelGain_Uls_M_f32   | 126914.885  |
| Prev1PreAttnComp_MtrNm_M_f32   | 1.5   |
| Prev1ScIDrvVel_RadpS_M_f32   | 24.6  |
| Prev2PreAttnComp_MtrNm_M_f32   | 6.5   |
| Prev2ScIDrvVel_RadpS_M_f32   | 382.2   |
| PrevTbarAng_HwDeg_M_f32  | -0.979  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa                            | ath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio |
| Rte_Inst_Ap_FrqDepDmpnInrtCmp  | tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp                                       |
| TbarVelFiltSv_M_str.SV_Uls_f32   | 4.3   |
| TbarVelFiltSv_M_str.K_Uls_f32  | 0.096321  |
| k_CmnSysKinRatio_MtrDegpHwDeg_f32  | 66.13   |
| k_CmnTbarStiff_NmpDeg_f32  | 6.5   |
| k_DmpDecelGainFSlew_UlspS_f32  | 1300.06   |
| k_DmpDecelGain_Uls_f32   | 5.6   |
| k_DmpGainOffThresh_KphpS_f32   | 12.2  |
| k_DmpGainOnThresh_KphpS_f32  | 40.1  |
| k_InrtCmp_MtrInertia_KgmSq_f32   | 0.00014   |
| k_InrtCmp_MtrVel_ScaleFactor_Uls_f32   | 0.4   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]  | 342   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]  | 683   |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]  | 1024  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]  | 1364  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]  | 1705  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]  | 2046  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]  | 2387  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]  | 2728  |
| t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][8]  | 3068  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]  | 3409  |
| t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]  | 161   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]  | 328   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]  | 494   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]  | 661   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]  | 827   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]  | 994   |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]  | 1160  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 1326  |
| t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]  | 1493  |
| t2_FDD_ADDROllingTbIYM_MitNinpRadpS_um1p17[1][6] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] | 1659  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][0]  | 1136  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][1]  | 1152  |
|  | 1168  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][2]  |   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][3]  | 1184<br>1200  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][4]  |   |
| t2_FDD_FreqTblYM_Hz_u12p4[0][5]  | 1216  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][6]  | 1232  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][7]  | 1248  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][8]  | 1264  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][9]  | 1280  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][10]   | 1296  |
| t2_FDD_FreqTblYM_Hz_u12p4[0][11]   | 1312  |
| t2_FDD_FreqTblYM_Hz_u12p4[1][0]  | 656   |
| t2_FDD_FreqTblYM_Hz_u12p4[1][1]  | 672   |

FrqDepDmpnInrtCmp\_Per1

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|   | TOTAL TIME                      |
|---|---------------------------------|
| Name  | Input Value                     |
| t2_FDD_FreqTblYM_Hz_u12p4[1][2]   | 688                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][3]   | 704                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][4]   | 720                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][5]   | 736                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][6]   | 752                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][7]   | 768                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][8]   | 784                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][9]   | 800                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][10]  | 816                             |
| t2_FDD_FreqTblYM_Hz_u12p4[1][11]  | 832                             |
| t_CmnVehSpd_Kph_u9p7[0]   | 2560                            |
| t_CmnVehSpd_Kph_u9p7[1]   | 3840                            |
| t_CmnVehSpd_Kph_u9p7[2]   | 5120                            |
| t_CmnVehSpd_Kph_u9p7[3]   | 6400                            |
| t_CmnVehSpd_Kph_u9p7[4]   | 7680                            |
| t_CmnVehSpd_Kph_u9p7[5]   | 8960                            |
| t_CmnVehSpd_Kph_u9p7[6]   | 10240                           |
| t_CmnVehSpd_Kph_u9p7[7]   | 11520                           |
| t_CmnVehSpd_Kph_u9p7[8]   | 12800                           |
| t_CmnVehSpd_Kph_u9p7[9]   | 14080                           |
| t_CmnVehSpd_Kph_u9p7[10]<br>t_CmnVehSpd_Kph_u9p7[11]  | 15360<br>16640                  |
| t_DmpADDCoefX_MtrNm_u4p12[0]  | 16794                           |
| t DmpADDCoefX MtrNm u4p12[1]  | 17203                           |
| t_DmpADDCoefX_MtrNm_u4p12[2]  | 17613                           |
| t_DmpADDCoefX_MtrNm_u4p12[3]  | 18022                           |
| t_DmpADDCoefX_MtrNm_u4p12[4]  | 18432                           |
| t_DmpADDCoefX_MtrNm_u4p12[5]  | 18842                           |
| t_DmpADDCoefX_MtrNm_u4p12[6]  | 19251                           |
| t_DmpADDCoefX_MtrNm_u4p12[7]  | 19661                           |
| t_DmpADDCoefX_MtrNm_u4p12[8]  | 20070                           |
| t_DmpADDCoefX_MtrNm_u4p12[9]  | 20480                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]   | 11680                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]   | 11712                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]   | 11744                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]   | 11776                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]   | 11808                           |
| t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]   | 11840                           |
| t_DmpDecelGainSlewY_UlspS_u13p3[0]  | 1608                            |
| t_DmpDecelGainSlewY_UlspS_u13p3[1]  | 1616                            |
| t_DmpDecelGainSlewY_UlspS_u13p3[2]  | 1624                            |
| t_DmpDecelGainSlewY_UlspS_u13p3[3]  | 1632                            |
| t_DmpDecelGainSlewY_UlspS_u13p3[4]  | 1640                            |
| t_DmpDecelGainSlewY_UlspS_u13p3[5]  | 1648                            |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[0]  | 8192                            |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[1]<br>t_DmpFiltKpWIRBIndY_Uls_u2p14[2]  | 9830                            |
| t_DmpFiltKpWIRBIndY_UIs_u2p14[2]  | 11469<br>13107                  |
| t_DmpFiltKpWIRBIndY_Uls_u2p14[4]  | 14746                           |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]   | 1246                            |
| t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]   | 1638                            |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]   | 2030                            |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]   | 2422                            |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]   | 2814                            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]   | 3206                            |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]   | 3598                            |
| t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]   | 3990                            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]   | 4382                            |
| t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]   | 4774                            |
| t_FDD_AttenTblX_MtrRadpS_u12p4[0]   | 1344                            |
| t_FDD_AttenTblX_MtrRadpS_u12p4[1]   | 1440                            |
| t_FDD_AttenTblY_Uls_u8p8[0]   | 71                              |
| t_FDD_AttenTblY_Uls_u8p8[1]   | 74                              |
| t_FDD_BlendTblY_Uls_u8p8[0]   | 3                               |
|   | 5                               |
| t_FDD_BlendTblY_Uls_u8p8[1]   |                                 |
| t_FDD_BlendTblY_Uls_u8p8[2]   | 8                               |
| t_FDD_BlendTblY_Uls_u8p8[2]<br>t_FDD_BlendTblY_Uls_u8p8[3]  | 8<br>10                         |
| t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4]   | 8<br>10<br>13                   |
| t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5]   | 8<br>10<br>13<br>15             |
| t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5] t_FDD_BlendTblY_Uls_u8p8[6]                             | 8<br>10<br>13<br>15<br>18       |
| t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5] t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7] | 8<br>10<br>13<br>15<br>18<br>20 |
| t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5] t_FDD_BlendTblY_Uls_u8p8[6]                             | 8<br>10<br>13<br>15<br>18       |

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| Name  | Input Value                            |                      |        |
|---|--|----------------------|--------|
| t_FDD_BlendTblY_Uls_u8p8[10]  | 28                                     |                      |        |
| t_FDD_BlendTblY_Uls_u8p8[11]  | 31                                     |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]   | 51                                     |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]   | 64                                     |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]   | 77                                     |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]   | 90                                     |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]   | 102                                    |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]   | 115                                    |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]   | 128                                    |                      |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[7]   | 141                                    |                      |        |
| t InrtCmp ScaleFactorTblY Uls u9p7[8]   | 154                                    |                      |        |
| t InrtCmp ScaleFactorTblY UIs u9p7[9]   | 166                                    |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]  | 179                                    |                      |        |
| t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]  | 192                                    |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]   | 1                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]   | 3                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]   | 4                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]   | 5                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]   | 6                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]   | 8                                      |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]   | 9                                      |                      |        |
|   | 10                                     |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]   | 12                                     |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]   |  |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]   | 13                                     |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]  |  |                      |        |
| t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]  | 15                                     |                      |        |
| t_RIAstWIRBIndTblY_Uls_u2p14[0]   | 8192                                   |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[1]   | 9830                                   |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[2]   | 11469                                  |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[3]   | 13107                                  |                      |        |
| t_RIAstWIRBIndTbIY_UIs_u2p14[4]   | 14746                                  |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[0]   | 922                                    |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[1]   | 947                                    |                      |        |
| t_WIRBIndTbIX_MtrNm_u8p8[2]   | 973                                    |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[3]   | 998                                    |                      |        |
| t_WIRBIndTblX_MtrNm_u8p8[4]   | 1024                                   |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value  | 5.5                                    |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value   | -200.4                                 |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value   | 0                                      |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value  | -6.4                                   |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value  | -44.06                                 |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value   | 210.03                                 |                      |        |
| tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value  | 1.2                                    |                      |        |
| tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio   | -8.2                                   |                      |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmetals and the property of the property of$  |  |                      |        |
| tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_   |  | ·                    |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpS$  | 0= 1 1 1 1= = 1 1                      |                      |        |
| ${\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnIrrtCmp\_FrqDepDmpnIrrtCm$  | 0- 1 1 1 1 1                           |                      |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter$  | tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I  | HwNm_f32             |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccepts and the property of the property of$  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA | Accel_KphpS_f32      |        |
| $tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpn$  | tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee | ed_Kph_f32           |        |
| $\underline{tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBarter \\ \underline{rgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp} \\ \mathsf{rgt\_Rte\_Inst\_Ap\_FrqDepDmpnIn$ | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm    | pBInd_MtrNm_f32      |        |
| Name  | Actual Value                           | Expected Value       | Result |
| PreDecelGain Uls M f32  | 126912.281                             | 126912.2849 ± 0.0625 |        |

| 8  | .   0 =      | . – –                     |          |
|--|--------------|---------------------------|----------|
| Name   | Actual Value | Expected Value            | Result   |
| PreDecelGain_Uls_M_f32                                       | 126912.281   | 126912.2849 ± 0.0625      | ~        |
| Prev1PreAttnComp_MtrNm_M_f32                                 | -756922.563  | -756922.4402 ± 0.9        | ✓        |
| Prev1SclDrvVel_RadpS_M_f32                                   | -79.67099    | -79.67099743 ± 0.00390625 | ✓        |
| Prev2PreAttnComp_MtrNm_M_f32                                 | 1.5          | 1.5 ± 0.00048828125       | ✓        |
| Prev2SclDrvVel_RadpS_M_f32                                   | 24.6000004   | 24.6 ± 0.00390625         | ✓        |
| PrevTbarAng_HwDeg_M_f32                                      | -0.984615386 | -0.984615385 ± 0.00390625 | <b>✓</b> |
| TbarVelFiltSv_M_str.SV_Uls_f32                               | 3.61537886   | 3.615379969 ± 0.00390625  | ~        |
| tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value | -8.19999981  | -8.2 ± 0.00048828125      | <b>✓</b> |

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| T ✓  |       |  |       |        |  |  |
|--|-------|--|-------|--------|--|--|
| Actual Function  | Count | Expected Function  | Count | Result |  |  |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached        | 1     | ~      |  |  |
| ADDCoefCalc  | 1     | ADDCoefCalc  | 1     | •      |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 5     | ~      |  |  |
| DecelGain  | 1     | DecelGain  | 1     | •      |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |  |  |
| DriverVelCalc  | 1     | DriverVelCalc  | 1     | •      |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | •      |  |  |
| FilterCoefCalc   | 1     | FilterCoefCalc   | 1     | •      |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 4     | •      |  |  |
| GenFddlcCmd  | 1     | GenFddlcCmd  | 1     | ~      |  |  |
| IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | IntplVarXY_u16_u16Xu16Y_Cnt                                  | 1     | ~      |  |  |
| Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection | 1     | •      |  |  |
| Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached        | 1     | •      |  |  |