Summary

Total Test Objects:	7
Successful:	7
Failed:	0
Not Executed:	0
Date:	2015-10-26
Time:	11:54:50+0530

## Overall Test Object Results (including Coverage)
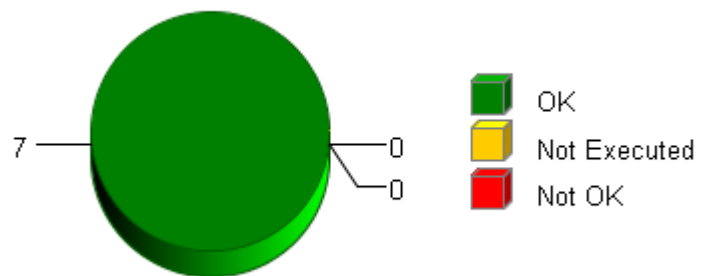
Selected Project Items

Test Object "CBD_UnitTest/FDD_Inertia/ADDCoefCalc"
Test Object "CBD_UnitTest/FDD_Inertia/DecelGain"
Test Object "CBD_UnitTest/FDD_Inertia/DriverVelCalc"
Test Object "CBD_UnitTest/FDD_Inertia/FilterCoefCalc"
Test Object "CBD_UnitTest/FDD_Inertia/FrqDepDmpnInrtCmp_Init"
Test Object "CBD_UnitTest/FDD_Inertia/FrqDepDmpnInrtCmp_Per1"
Test Object "CBD_UnitTest/FDD_Inertia/GenFddIcCmd"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Test Case Results for Each Test Object (without Coverage)
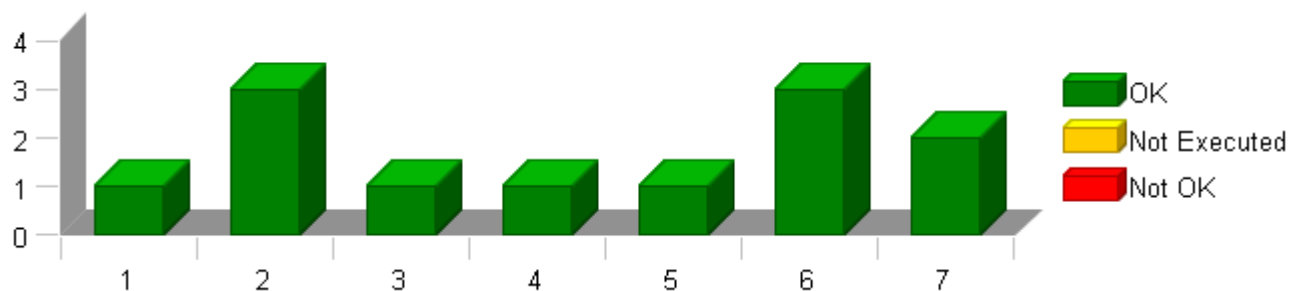
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

Statement (C0) Coverage: Total Statements for Each Test Object
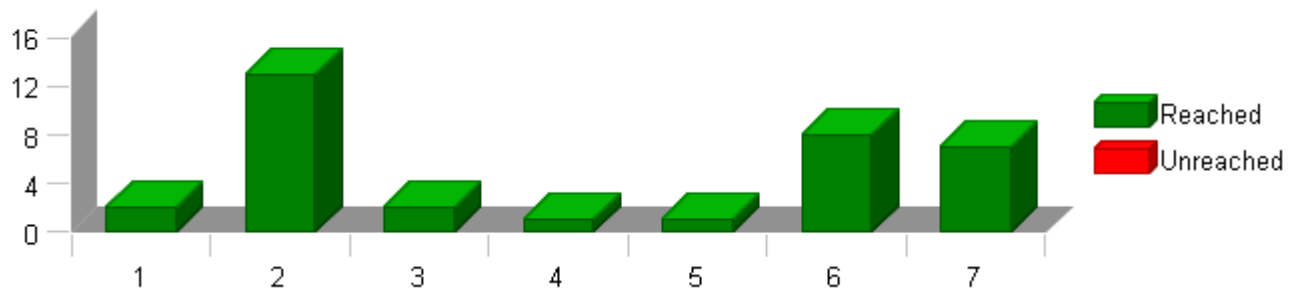
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

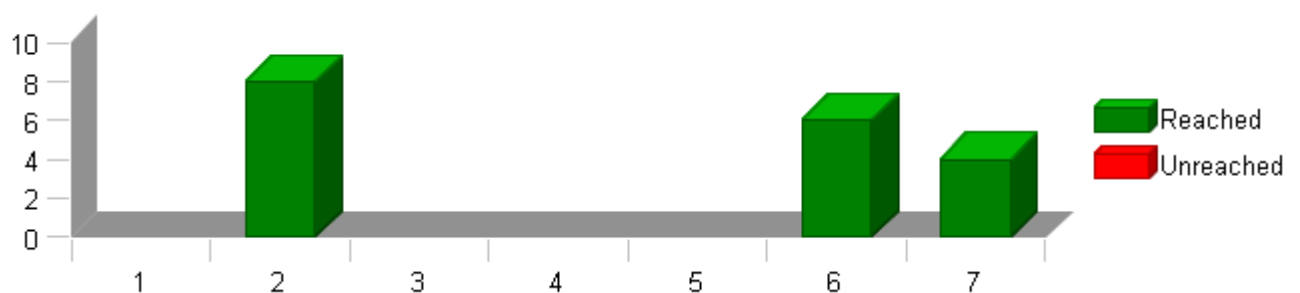## Branch (C1) Coverage: Total Branches for Each Test Object
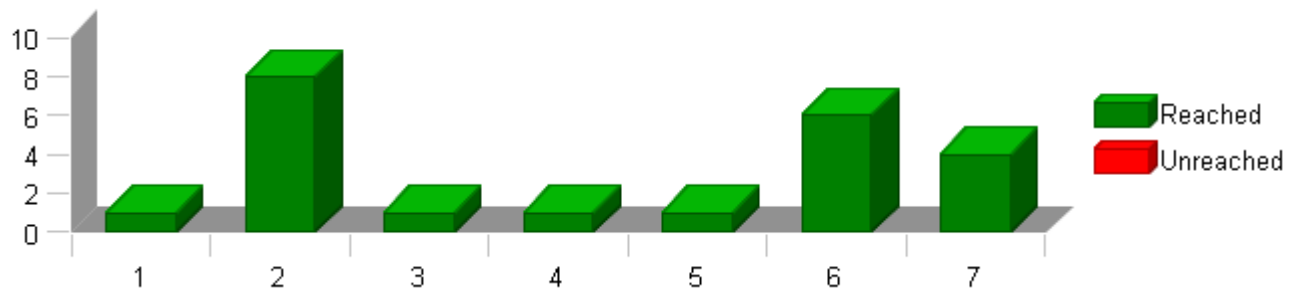
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

Decision Coverage: Total Decision Outcomes for Each Test Object

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

Each bar is divided into reached and unreached decision outcomes.

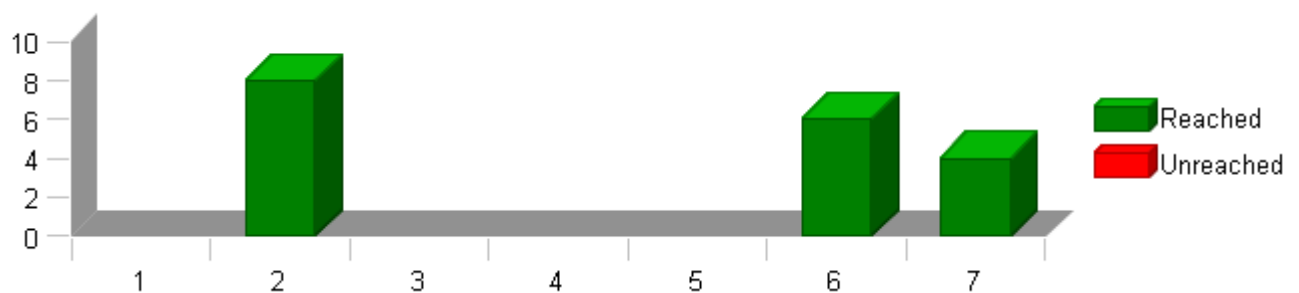## MC/DC Coverage: Total Condition Combinations for Each Test Object
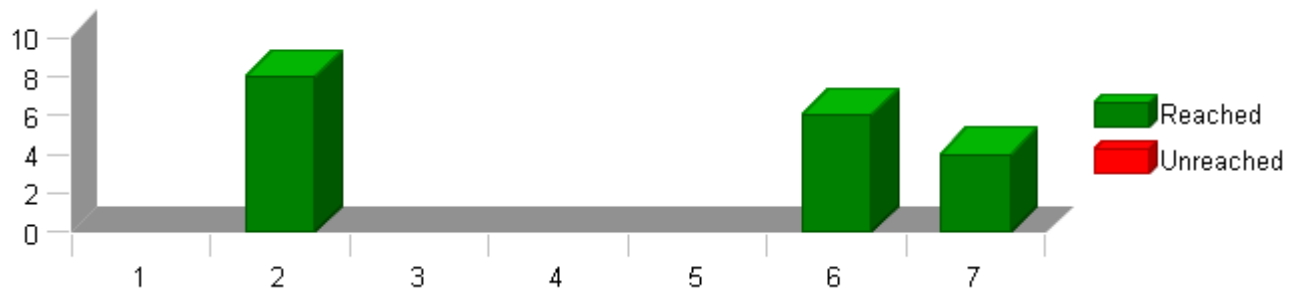
The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage,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

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

MCC Coverage: Total Condition Combinations for Each Test Object

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

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

Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	9BXX_FrqDepDmpnInrtCmp	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
1	ADDCoefCalc	100 %	100 %	-	-	-	1 of 1 passed	✔
2	DecelGain	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✔
3	DriverVelCalc	100 %	100 %	-	-	-	1 of 1 passed	✔
4	FilterCoefCalc	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	GenFddIcCmd	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	✔

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	***************************************Unit Test Description************************************* Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_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    1409.00 Cycles
TS1.2    1399.00 Cycles
TS1.3    1430.00 Cycles
TS1.4    1487.00 Cycles
TS1.5    1387.00 Cycles
TS1.6    1432.00 Cycles
TS1.7    1541.00 Cycles
TS1.8    1375.00 Cycles
TS1.9    1386.00 Cycles
TS1.10   1398.00 Cycles
TS1.11   1375.00 Cycles
TS1.12   1681.00 Cycles
TS1.13   1387.00 Cycles
TS1.14   1556.00 Cycles
TS1.15   1387.00 Cycles
TS1.16   1387.00 Cycles
TS1.17   1419.00 Cycles
TS1.18   1387.00 Cycles
TS1.19   1387.00 Cycles
TS1.20   1387.00 Cycles
TS1.21   1387.00 Cycles
TS1.22   1387.00 Cycles
TS1.23   1387.00 Cycles
TS1.24   1419.00 Cycles
TS1.25   1419.00 Cycles
TS1.26   1398.00 Cycles
TS1.27   1387.00 Cycles
TS1.28   1387.00 Cycles
TS1.29   1398.00 Cycles
TS1.30   1601.00 Cycles
TS1.31   1419.00 Cycles
TS1.32   1387.00 Cycles
TS1.33   1387.00 Cycles
TS1.34   1387.00 Cycles
TS1.35   1387.00 Cycles
TS1.36   1398.00 Cycles
TS1.37   1398.00 Cycles
```

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
TS1.7 BaseAssistCmd_MtrNm_T_f32 neg
TS1.8 WIRCmdAmpBlnd_MtrNm_T_f32 min
TS1.9 WIRCmdAmpBlnd_MtrNm_T_f32 max
TS1.10 WIRCmdAmpBlnd_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] 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] pos
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_WIRBlndTblX_MtrNm_u8p8[5] min
TS1.27 t_WIRBlndTblX_MtrNm_u8p8[5] max
TS1.28 t_WIRBlndTblX_MtrNm_u8p8[5] pos
TS1.29 t_RIAstWIRBlndTblY_Uls_u2p14[5] min
TS1.30 t_RIAstWIRBlndTblY_Uls_u2p14[5] max
TS1.31 t_RIAstWIRBlndTblY_Uls_u2p14[5] pos
TS1.32 t_CmnVehSpd_Kph_u9p7[12] min
TS1.33 t_CmnVehSpd_Kph_u9p7[12] max
TS1.34 t_CmnVehSpd_Kph_u9p7[12] pos
TS1.35 t_FDD_BlendTblY_Uls_u8p8[12] min
TS1.36 t_FDD_BlendTblY_Uls_u8p8[12] max
TS1.37 t_FDD_BlendTblY_Uls_u8p8[12] pos

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.80000019
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBlnd_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

Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
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_ADDRollingTblYM_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
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]	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]	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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	0
t_RIAstWIRBlndTblY_Uls_u2p14[1]	0
t_RIAstWIRBlndTblY_Uls_u2p14[2]	0
t_RIAstWIRBlndTblY_Uls_u2p14[3]	0
t_RIAstWIRBlndTblY_Uls_u2p14[4]	0
t_WIRBlndTblX_MtrNm_u8p8[0]	0
t_WIRBlndTblX_MtrNm_u8p8[1]	0
t_WIRBlndTblX_MtrNm_u8p8[2]	0
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0	0 ± 0.000009	✔

Test Step Call Trace				✔
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	8.80000019
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
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_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]	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]	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_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
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]	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_BlendTblY_Uls_u8p8[6]	256
t_FDD_BlendTblY_Uls_u8p8[7]	256
t_FDD_BlendTblY_Uls_u8p8[8]	256

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_RIAstWIRBlndTblY_Uls_u2p14[0]	16384		
t_RIAstWIRBlndTblY_Uls_u2p14[1]	16384		
t_RIAstWIRBlndTblY_Uls_u2p14[2]	16384		
t_RIAstWIRBlndTblY_Uls_u2p14[3]	16384		
t_RIAstWIRBlndTblY_Uls_u2p14[4]	16384		
t_WIRBlndTblX_MtrNm_u8p8[0]	2048		
t_WIRBlndTblX_MtrNm_u8p8[1]	2048		
t_WIRBlndTblX_MtrNm_u8p8[2]	2048		
t_WIRBlndTblX_MtrNm_u8p8[3]	2048		
t_WIRBlndTblX_MtrNm_u8p8[4]	2048		
Name	**Actual Value**	**Expected Value**	**Result**
ADDCoefCalc()	0.0500030518	0.0500030518 ± 0.00000009	✔

Test Step Call Trace				✔
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	-8.80000019	
VehicleSpeed_Kph_T_f32	12.3199997	
WIRCmdAmpBlnd_MtrNm_T_f32	5.19999981	
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_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	
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	

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_ADDStaticTblY_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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	282
t_WIRBlndTblX_MtrNm_u8p8[1]	307
t_WIRBlndTblX_MtrNm_u8p8[2]	333
t_WIRBlndTblX_MtrNm_u8p8[3]	358
t_WIRBlndTblX_MtrNm_u8p8[4]	384

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0369348824	0.0369348824 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.4 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	8.80000019
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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.013426058	0.013426058 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_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	7.30000019
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

Name	Input Value
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_ADDRollingTblYM_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
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]	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_RIAstWIRBIndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBIndTblY_Uls_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_WIRBIndTblX_MtrNm_u8p8[1]	819
t_WIRBIndTblX_MtrNm_u8p8[2]	845
t_WIRBIndTblX_MtrNm_u8p8[3]	870
t_WIRBIndTblX_MtrNm_u8p8[4]	896

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00668188976	0.00668189023 ± 0.000000009	✔

Test Step Call Trace   ✔

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	48.1199989
WIRCmdAmpBlnd_MtrNm_T_f32	8.10000038
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]	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]	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]	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_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
t_FDD_BlendTblY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41
t_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469

TEST DETAILS REPORT
ADDCoefCalc

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Name	Input Value		
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107		
t_WIRBlndTblX_MtrNm_u8p8[0]	1050		
t_WIRBlndTblX_MtrNm_u8p8[1]	1075		
t_WIRBlndTblX_MtrNm_u8p8[2]	1101		
t_WIRBlndTblX_MtrNm_u8p8[3]	1126		
t_WIRBlndTblX_MtrNm_u8p8[4]	1152		

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0174616091	0.0174616072 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.7 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	-5.44999981	
VehicleSpeed_Kph_T_f32	60	
WIRCmdAmpBlnd_MtrNm_T_f32	5.19999981	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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]	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	
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]	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]	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	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	1306
t_WIRBlndTblX_MtrNm_u8p8[1]	1331
t_WIRBlndTblX_MtrNm_u8p8[2]	1357
t_WIRBlndTblX_MtrNm_u8p8[3]	1382
t_WIRBlndTblX_MtrNm_u8p8[4]	1408

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0190629773	0.0190629773 ± 0.00000009	✔

Test Step Call Trace				✔
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	1.10000002
VehicleSpeed_Kph_T_f32	72.3499985
WIRCmdAmpBlnd_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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1562
t_WIRBlndTblX_MtrNm_u8p8[1]	1587
t_WIRBlndTblX_MtrNm_u8p8[2]	1613
t_WIRBlndTblX_MtrNm_u8p8[3]	1638
t_WIRBlndTblX_MtrNm_u8p8[4]	1664

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0107031446	0.0107031437 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.9 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.20000005
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
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

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[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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1766
t_WIRBlndTblX_MtrNm_u8p8[1]	1792
t_WIRBlndTblX_MtrNm_u8p8[2]	1818
t_WIRBlndTblX_MtrNm_u8p8[3]	1843
t_WIRBlndTblX_MtrNm_u8p8[4]	1869

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0121170254	0.0121170264 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.10 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.29999995
VehicleSpeed_Kph_T_f32	96.1399994
WIRCmdAmpBlnd_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

Name	Input Value			Result
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_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]	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]	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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915			
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554			
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192			
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830			
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469			
t_WIRBlndTblX_MtrNm_u8p8[0]	410			
t_WIRBlndTblX_MtrNm_u8p8[1]	435			
t_WIRBlndTblX_MtrNm_u8p8[2]	461			
t_WIRBlndTblX_MtrNm_u8p8[3]	486			
t_WIRBlndTblX_MtrNm_u8p8[4]	512			
Name	**Actual Value**	**Expected Value**		**Result**
ADDCoefCalc()	0.0130879935	0.0130879926 ± 0.00000009		✓

Test Step Call Trace ✔

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	1.39999998
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBlnd_MtrNm_T_f32	1.10000002
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_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]	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
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
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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	666
t_WIRBlndTblX_MtrNm_u8p8[1]	691
t_WIRBlndTblX_MtrNm_u8p8[2]	717
t_WIRBlndTblX_MtrNm_u8p8[3]	742
t_WIRBlndTblX_MtrNm_u8p8[4]	768

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417164806	0.00417164806 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.12 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	1.20000005
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	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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	922
t_WIRBlndTblX_MtrNm_u8p8[1]	947
t_WIRBlndTblX_MtrNm_u8p8[2]	973
t_WIRBlndTblX_MtrNm_u8p8[3]	998
t_WIRBlndTblX_MtrNm_u8p8[4]	1024

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0185419321	0.0185419321 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.13 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.60000002
VehicleSpeed_Kph_T_f32	100.209999
WIRCmdAmpBlnd_MtrNm_T_f32	1.29999995
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_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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00872414559	0.00872414559 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.14 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.70000005
VehicleSpeed_Kph_T_f32	108
WIRCmdAmpBlnd_MtrNm_T_f32	1.39999998
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

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_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]	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]	159
t_FDD_BlendTblY_Uls_u8p8[7]	162
t_FDD_BlendTblY_Uls_u8p8[8]	164
t_FDD_BlendTblY_Uls_u8p8[9]	167
t_FDD_BlendTblY_Uls_u8p8[10]	169
t_FDD_BlendTblY_Uls_u8p8[11]	172
t_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0254064538	0.0254064538 ± 0.00000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.15 (Repeat Count = 1) ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.79999995
VehicleSpeed_Kph_T_f32	120.139999
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
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_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
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]	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_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_UIs_u8p8[0]	172
t_FDD_BlendTblY_UIs_u8p8[1]	174
t_FDD_BlendTblY_UIs_u8p8[2]	176
t_FDD_BlendTblY_UIs_u8p8[3]	178
t_FDD_BlendTblY_UIs_u8p8[4]	180
t_FDD_BlendTblY_UIs_u8p8[5]	183
t_FDD_BlendTblY_UIs_u8p8[6]	185
t_FDD_BlendTblY_UIs_u8p8[7]	187
t_FDD_BlendTblY_UIs_u8p8[8]	189
t_FDD_BlendTblY_UIs_u8p8[9]	191
t_FDD_BlendTblY_UIs_u8p8[10]	193
t_FDD_BlendTblY_UIs_u8p8[11]	195
t_RIAstWIRBlndTblY_UIs_u2p14[0]	4915
t_RIAstWIRBlndTblY_UIs_u2p14[1]	6554
t_RIAstWIRBlndTblY_UIs_u2p14[2]	8192
t_RIAstWIRBlndTblY_UIs_u2p14[3]	9830

Name	Input Value		
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469		
t_WIRBlndTblX_MtrNm_u8p8[0]	1690		
t_WIRBlndTblX_MtrNm_u8p8[1]	1715		
t_WIRBlndTblX_MtrNm_u8p8[2]	1741		
t_WIRBlndTblX_MtrNm_u8p8[3]	1766		
t_WIRBlndTblX_MtrNm_u8p8[4]	1792		
Name	**Actual Value**	**Expected Value**	**Result**
ADDCoefCalc()	0.00286007137	0.0028600709 ± 0.000000009	✔

Test Step Call Trace				✔
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	1.89999998	
VehicleSpeed_Kph_T_f32	132	
WIRCmdAmpBlnd_MtrNm_T_f32	1.60000002	
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_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	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00236540218	0.00236540195 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.17 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	2
VehicleSpeed_Kph_T_f32	144.25
WIRCmdAmpBlnd_MtrNm_T_f32	1.70000005
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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	922
t_WIRBlndTblX_MtrNm_u8p8[1]	947
t_WIRBlndTblX_MtrNm_u8p8[2]	973
t_WIRBlndTblX_MtrNm_u8p8[3]	998
t_WIRBlndTblX_MtrNm_u8p8[4]	1024

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0327785164	0.0327785164 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.18 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.119995
WIRCmdAmpBlnd_MtrNm_T_f32	1.79999995
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_ADDRollingTblYM_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409

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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00810782239	0.00810782332 ± 0.000000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.19 (Repeat Count = 1) ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-2
VehicleSpeed_Kph_T_f32	168
WIRCmdAmpBlnd_MtrNm_T_f32	1.89999998
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

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]	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]	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]	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]	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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00480917655	0.00480917608 ± 0.000000009	✓

Test Step Call Trace				✔
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	180.210007
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_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
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
t_FDD_BlendTblY_Uls_u8p8[8]	33

TEST DETAILS REPORT

ADDCoefCalc

2015-10-26, 11:26:19+0530

Name	Input Value
t_FDD_BlendTblY_UIs_u8p8[9]	36
t_FDD_BlendTblY_UIs_u8p8[10]	38
t_FDD_BlendTblY_UIs_u8p8[11]	41
t_RIAstWIRBlndTblY_UIs_u2p14[0]	4915
t_RIAstWIRBlndTblY_UIs_u2p14[1]	6554
t_RIAstWIRBlndTblY_UIs_u2p14[2]	8192
t_RIAstWIRBlndTblY_UIs_u2p14[3]	9830
t_RIAstWIRBlndTblY_UIs_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00464858953	0.00464858999 ± 0.000000009	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt		5	✔

Test Step 1.21 (Repeat Count = 1) ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-4
VehicleSpeed_Kph_T_f32	192
WIRCmdAmpBlnd_MtrNm_T_f32	2.0999999
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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00929849967	0.00929849967 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.22 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	-5
VehicleSpeed_Kph_T_f32	204
WIRCmdAmpBlnd_MtrNm_T_f32	2.20000005
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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00246831775	0.00246831798 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.23 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	-6	
VehicleSpeed_Kph_T_f32	216.25	
WIRCmdAmpBlnd_MtrNm_T_f32	2.29999995	
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	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00100163568	0.00100163603 ± 0.000000009	✔

Test Step Call Trace					✔
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
WIRCmdAmpBlnd_MtrNm_T_f32	2.4000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
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
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]	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
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192

Name	Input Value		
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830		
t_WIRBlndTblX_MtrNm_u8p8[0]	1690		
t_WIRBlndTblX_MtrNm_u8p8[1]	1715		
t_WIRBlndTblX_MtrNm_u8p8[2]	1741		
t_WIRBlndTblX_MtrNm_u8p8[3]	1766		
t_WIRBlndTblX_MtrNm_u8p8[4]	1792		
Name	**Actual Value**	**Expected Value**	**Result**
ADDCoefCalc()	0.0386052094	0.0386052094 ± 0.00000009	✔

Test Step Call Trace				✔
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	

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
t_FDD_BlendTblY_Uls_u8p8[11]	93
t_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0226821322	0.0226821322 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.26 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	3	
VehicleSpeed_Kph_T_f32	252.240005	
WIRCmdAmpBlnd_MtrNm_T_f32	2.5999999	
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	
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]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
t_DmpADDCoefX_MtrNm_u4p12[2]	13517	
t_DmpADDCoefX_MtrNm_u4p12[3]	13926	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	0
t_WIRBlndTblX_MtrNm_u8p8[1]	0
t_WIRBlndTblX_MtrNm_u8p8[2]	0
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0104283169	0.0104283169 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.27 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	4
VehicleSpeed_Kph_T_f32	264
WIRCmdAmpBlnd_MtrNm_T_f32	2.70000005
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

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]	19661
t_DmpADDCoefX_MtrNm_u4p12[8]	20070
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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	2048
t_WIRBlndTblX_MtrNm_u8p8[1]	2048
t_WIRBlndTblX_MtrNm_u8p8[2]	2048
t_WIRBlndTblX_MtrNm_u8p8[3]	2048
t_WIRBlndTblX_MtrNm_u8p8[4]	2048

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0117070675	0.0117070666 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.28 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	5	
VehicleSpeed_Kph_T_f32	276.140015	
WIRCmdAmpBlnd_MtrNm_T_f32	2.79999995	
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	

Name	Input Value	
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]	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	
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]	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]	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]	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]	159	
t_FDD_BlendTblY_Uls_u8p8[7]	162	
t_FDD_BlendTblY_Uls_u8p8[8]	164	
t_FDD_BlendTblY_Uls_u8p8[9]	167	
t_FDD_BlendTblY_Uls_u8p8[10]	169	
t_FDD_BlendTblY_Uls_u8p8[11]	172	
t_RIAstWIRBlndTblY_Uls_u2p14[0]	6554	
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192	
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830	
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469	
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107	
t_WIRBlndTblX_MtrNm_u8p8[0]	1178	
t_WIRBlndTblX_MtrNm_u8p8[1]	1203	
t_WIRBlndTblX_MtrNm_u8p8[2]	1229	
t_WIRBlndTblX_MtrNm_u8p8[3]	1254	
t_WIRBlndTblX_MtrNm_u8p8[4]	1280	

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0118969213	0.0118969213 ± 0.00000009	✔

Test Step Call Trace				✔
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
WIRCmdAmpBlnd_MtrNm_T_f32	2.9000001
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_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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	0		
t_RIAstWIRBlndTblY_Uls_u2p14[1]	0		
t_RIAstWIRBlndTblY_Uls_u2p14[2]	0		
t_RIAstWIRBlndTblY_Uls_u2p14[3]	0		
t_RIAstWIRBlndTblY_Uls_u2p14[4]	0		
t_WIRBlndTblX_MtrNm_u8p8[0]	282		
t_WIRBlndTblX_MtrNm_u8p8[1]	307		
t_WIRBlndTblX_MtrNm_u8p8[2]	333		
t_WIRBlndTblX_MtrNm_u8p8[3]	358		
t_WIRBlndTblX_MtrNm_u8p8[4]	384		

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0136489868	0.0136489868 ± 0.00000009	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.30 (Repeat Count = 1)   ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	7
VehicleSpeed_Kph_T_f32	300.25
WIRCmdAmpBlnd_MtrNm_T_f32	3.20000005
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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[1]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[2]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[3]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[4]	16384
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0155524611	0.0155524611 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.31 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	8
VehicleSpeed_Kph_T_f32	312
WIRCmdAmpBlnd_MtrNm_T_f32	3.0999999
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]	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

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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0253202002	0.0253202002 ± 0.00000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.32 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	324.140015
WIRCmdAmpBlnd_MtrNm_T_f32	3.20000005
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

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_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
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
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1050
t_WIRBlndTblX_MtrNm_u8p8[1]	1075
t_WIRBlndTblX_MtrNm_u8p8[2]	1101
t_WIRBlndTblX_MtrNm_u8p8[3]	1126
t_WIRBlndTblX_MtrNm_u8p8[4]	1152

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00270421011	0.00270421011 ± 0.000000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.33 (Repeat Count = 1)	✔
Name	**Input Value**
BaseAssistCmd_MtrNm_T_f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBlnd_MtrNm_T_f32	3.29999995
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_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]	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]	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]	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]	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]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
t_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192

TEST DETAILS REPORT
ADDCoefCalc

2015-10-26, 11:26:19+0530

Name	Input Value			
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830			
t_WIRBlndTblX_MtrNm_u8p8[0]	1306			
t_WIRBlndTblX_MtrNm_u8p8[1]	1331			
t_WIRBlndTblX_MtrNm_u8p8[2]	1357			
t_WIRBlndTblX_MtrNm_u8p8[3]	1382			
t_WIRBlndTblX_MtrNm_u8p8[4]	1408			
Name	**Actual Value**	**Expected Value**		**Result**
ADDCoefCalc()	0.00417356379	0.00417356379 ± 0.000000009		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.34 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	2.9000001	
VehicleSpeed_Kph_T_f32	348.140015	
WIRCmdAmpBlnd_MtrNm_T_f32	3.4000001	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814	
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695	
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]	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]	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	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1562
t_WIRBlndTblX_MtrNm_u8p8[1]	1587
t_WIRBlndTblX_MtrNm_u8p8[2]	1613
t_WIRBlndTblX_MtrNm_u8p8[3]	1638
t_WIRBlndTblX_MtrNm_u8p8[4]	1664

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00614841701	0.00614841701 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.35 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	3.70000005	
VehicleSpeed_Kph_T_f32	360	
WIRCmdAmpBlnd_MtrNm_T_f32	3.5	
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]	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	

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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1766
t_WIRBlndTblX_MtrNm_u8p8[1]	1792
t_WIRBlndTblX_MtrNm_u8p8[2]	1818
t_WIRBlndTblX_MtrNm_u8p8[3]	1843
t_WIRBlndTblX_MtrNm_u8p8[4]	1869

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00399017334	0.00399017287 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.36 (Repeat Count = 1)		✔
Name	**Input Value**	
BaseAssistCmd_MtrNm_T_f32	-3.69000006	
VehicleSpeed_Kph_T_f32	372.140015	
WIRCmdAmpBlnd_MtrNm_T_f32	3.5999999	
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	

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
t_FDD_BlendTblY_Uls_u8p8[3]	256
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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	410
t_WIRBlndTblX_MtrNm_u8p8[1]	435
t_WIRBlndTblX_MtrNm_u8p8[2]	461
t_WIRBlndTblX_MtrNm_u8p8[3]	486
t_WIRBlndTblX_MtrNm_u8p8[4]	512

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00827023014	0.00827023014 ± 0.000000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Test Step 1.37 (Repeat Count = 1) ✔

Name	Input Value
BaseAssistCmd_MtrNm_T_f32	3.9000001
VehicleSpeed_Kph_T_f32	384.25
WIRCmdAmpBlnd_MtrNm_T_f32	3.70000005
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

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
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]	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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	666
t_WIRBlndTblX_MtrNm_u8p8[1]	691
t_WIRBlndTblX_MtrNm_u8p8[2]	717
t_WIRBlndTblX_MtrNm_u8p8[3]	742
t_WIRBlndTblX_MtrNm_u8p8[4]	768

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00845662132	0.00845662132 ± 0.000000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	✔

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	***Unit Test Description************************************* Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_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      1239.00 Cycles
TS1.2      1283.00 Cycles
TS1.3      1285.00 Cycles
TS1.4      1274.00 Cycles
TS1.5      1274.00 Cycles
TS1.6      1251.00 Cycles
TS1.7      1285.00 Cycles
TS1.8      1274.00 Cycles
TS1.9      1239.00 Cycles
TS1.10     1250.00 Cycles
TS1.11     1663.00 Cycles
TS1.12     1272.00 Cycles
TS1.13     1239.00 Cycles
TS1.14     1652.00 Cycles
TS1.15     1272.00 Cycles
TS1.16     1274.00 Cycles
TS1.17     1274.00 Cycles
TS1.18     1274.00 Cycles
TS1.19     1274.00 Cycles
TS1.20     1274.00 Cycles
TS1.21     1285.00 Cycles
TS1.22     1274.00 Cycles
TS1.23     1362.00 Cycles
TS1.24     1274.00 Cycles
TS1.25     1285.00 Cycles
TS1.26     1285.00 Cycles
TS1.27     1285.00 Cycles
TS1.28     1285.00 Cycles
TS1.29     1274.00 Cycles
TS1.30     1274.00 Cycles
TS1.31     1342.00 Cycles
TS1.32     1274.00 Cycles
TS1.33     1274.00 Cycles
"
```

Description   Test Vector Description

TS1.1All min
TS1.2All max
TS1.3ADDCoef_MtrNmSpRad_T_f32 = min
TS1.4ADDCoef_MtrNmSpRad_T_f32 = max
TS1.5ADDCoef_MtrNmSpRad_T_f32 = pos
TS1.6VehicleSpeed2_Kph_T_f32 = min
TS1.7VehicleSpeed2_Kph_T_f32 = max
TS1.8VehicleSpeed2_Kph_T_f32 = pos
TS1.9WIRCmdAmpBlnd1_MtrNm_T_f32 = min
TS1.10WIRCmdAmpBlnd1_MtrNm_T_f32 = max
TS1.11WIRCmdAmpBlnd1_MtrNm_T_f32 = pos
TS1.12t_CmnVehSpd_Kph_u9p7[12] = min
TS1.13t_CmnVehSpd_Kph_u9p7[12] = max
TS1.14t_CmnVehSpd_Kph_u9p7[12] = pos
TS1.15t2_FDD_FreqTblYM1_Hz_u12p4[12] = min
TS1.16t2_FDD_FreqTblYM1_Hz_u12p4[12] = max
TS1.17t2_FDD_FreqTblYM1_Hz_u12p4[12] = pos
TS1.18t2_FDD_FreqTblYM2_Hz_u12p4[12] = min
TS1.19t2_FDD_FreqTblYM2_Hz_u12p4[12] = max
TS1.20t2_FDD_FreqTblYM2_Hz_u12p4[12] = pos
TS1.21t_WIRBlndTblX_MtrNm_u8p8[5] = min
TS1.22t_WIRBlndTblX_MtrNm_u8p8[5] = max
TS1.23t_WIRBlndTblX_MtrNm_u8p8[5] = pos
TS1.24t_DmpFiltKpWIRBlndY_Uls_u2p14[5] = min
TS1.25t_DmpFiltKpWIRBlndY_Uls_u2p14[5] = max
TS1.26t_DmpFiltKpWIRBlndY_Uls_u2p14[5] = pos
TS1.27t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = min
TS1.28t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = max
TS1.29t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = pos
TS1.30k_InrtCmp_MtrInertia_KgmSq_f32 = min
TS1.31k_InrtCmp_MtrInertia_KgmSq_f32 = max
TS1.32k_InrtCmp_MtrInertia_KgmSq_f32 = pos
TS1.33k_InrtCmp_MtrInertia_KgmSq_f32 = default

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	9.99999975e-006
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

Name	Input Value
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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	0
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	0
t_WIRBlndTblX_MtrNm_u8p8[1]	0
t_WIRBlndTblX_MtrNm_u8p8[2]	0
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0

Name	Actual Value	Expected Value	Result
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	3.94989252 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.99968433 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.05042362 ± 0.000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0413060002
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600

Name	Input Value
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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	16384
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	2048
t_WIRBlndTblX_MtrNm_u8p8[1]	2048
t_WIRBlndTblX_MtrNm_u8p8[2]	2048
t_WIRBlndTblX_MtrNm_u8p8[3]	2048
t_WIRBlndTblX_MtrNm_u8p8[4]	2048

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.74156213 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.41111398 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588463 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.84172678 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852	10.6056852 ± 0.00009	✔

Test Step Call Trace ✔

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	100.019997
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	1.99999995e-005
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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	282
t_WIRBlndTblX_MtrNm_u8p8[1]	307
t_WIRBlndTblX_MtrNm_u8p8[2]	333
t_WIRBlndTblX_MtrNm_u8p8[3]	358
t_WIRBlndTblX_MtrNm_u8p8[4]	384

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00059381465	-0.000593814999 ± 0.0000000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00059381465	0.000593814999 ± 0.0000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39635515	3.39635539 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	-7.95065212 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65299273	4.65299273 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.4 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0413060002
VehicleSpeed_Kph_T_f32	200.059998
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	2.99999992e-005
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]	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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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_Uls_u9p7[10]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170364141	-0.170364141 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	-0.16008386 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.36400986	3.36400986 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94497013	-7.94497013 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.69101954	4.69102001 ± 0.000009	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace

Test Step 1.5 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0199999996
VehicleSpeed_Kph_T_f32	300.079987
WIRCmdAmpBlnd_MtrNm_T_f32	0.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	3.9999999e-005
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[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]	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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	11469
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_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.0846711174 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.0753288865 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.31349587 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.9354167 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.75108767 ± 0.000009	✔

Test Step Call Trace				✔
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	**Input Value**
ADDCoef_MtrNmSpRad_T_f32	0.00100000005
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBlnd_MtrNm_T_f32	6.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	4.99999987e-005
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_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
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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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_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_WIRBlndTblX_MtrNm_u8p8[0]	1050
t_WIRBlndTblX_MtrNm_u8p8[1]	1075
t_WIRBlndTblX_MtrNm_u8p8[2]	1101
t_WIRBlndTblX_MtrNm_u8p8[3]	1126
t_WIRBlndTblX_MtrNm_u8p8[4]	1152

Name	**Actual Value**	**Expected Value**	**Result**
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00400001789	-0.00400001789 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00800000038	0.00800000038 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00399998249	-0.00399998203 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.76236439	3.76236463 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.99272346 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.24491215	4.24491215 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

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Test Step 1.7 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00200000009
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	5.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	5.99999985e-005
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
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]	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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	14746
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_WIRBlndTblX_MtrNm_u8p8[0]	1306
t_WIRBlndTblX_MtrNm_u8p8[1]	1331
t_WIRBlndTblX_MtrNm_u8p8[2]	1357
t_WIRBlndTblX_MtrNm_u8p8[3]	1382
t_WIRBlndTblX_MtrNm_u8p8[4]	1408

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0128454715	-0.0128454706 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0160000008	0.0160000008 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00315452972	-0.00315452903 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1956141	3.19561386 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.90979624	-7.90979624 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.89459038	4.8945899 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.8 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00300000003
VehicleSpeed_Kph_T_f32	255.25
WIRCmdAmpBlnd_MtrNm_T_f32	3.5999999
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	7.00000019e-005
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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1562
t_WIRBlndTblX_MtrNm_u8p8[1]	1587
t_WIRBlndTblX_MtrNm_u8p8[2]	1613
t_WIRBlndTblX_MtrNm_u8p8[3]	1638
t_WIRBlndTblX_MtrNm_u8p8[4]	1664

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.022498928	-0.0224989261 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0240000002	0.0240000002 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00150107313	-0.00150107383 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.12415075	3.12415075 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.89191246	-7.89191246 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.98393726	4.98393679 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace	✔

Test Step 1.9 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00400000019
VehicleSpeed_Kph_T_f32	16.25
WIRCmdAmpBlnd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
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_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
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
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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1766
t_WIRBlndTblX_MtrNm_u8p8[1]	1792
t_WIRBlndTblX_MtrNm_u8p8[2]	1818
t_WIRBlndTblX_MtrNm_u8p8[3]	1843
t_WIRBlndTblX_MtrNm_u8p8[4]	1869

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0280437507	-0.0280437469 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0320000015	0.0320000015 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00395625085	-0.00395625317 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84204841	2.84204865 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.8026042	-7.8026042 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.35534716	5.35534716 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.10 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00499999989
VehicleSpeed_Kph_T_f32	32.2799988
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
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_FreqTblYM_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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	410
t_WIRBlndTblX_MtrNm_u8p8[1]	435
t_WIRBlndTblX_MtrNm_u8p8[2]	461
t_WIRBlndTblX_MtrNm_u8p8[3]	486
t_WIRBlndTblX_MtrNm_u8p8[4]	512

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0954187065	-0.0954187065 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0399999991	0.0399999991 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.0554187074 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.28349483 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.49632454 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.22018147	8.22018051 ± 0.000009	✔

Test Step Call Trace				✔
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	0.00600000005
VehicleSpeed_Kph_T_f32	48.5200005
WIRCmdAmpBlnd_MtrNm_T_f32	5.5999999
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-005
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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	666
t_WIRBlndTblX_MtrNm_u8p8[1]	691
t_WIRBlndTblX_MtrNm_u8p8[2]	717
t_WIRBlndTblX_MtrNm_u8p8[3]	742
t_WIRBlndTblX_MtrNm_u8p8[4]	768

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170476 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.0480000004 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170483 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945698 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.95335388 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.06970024	9.06970024 ± 0.000009	✔

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace

Test Step 1.12 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00700000022
VehicleSpeed_Kph_T_f32	64.9499969
WIRCmdAmpBlnd_MtrNm_T_f32	1.10000002
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001
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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_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
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346
t_WIRBlndTblX_MtrNm_u8p8[0]	922
t_WIRBlndTblX_MtrNm_u8p8[1]	947
t_WIRBlndTblX_MtrNm_u8p8[2]	973
t_WIRBlndTblX_MtrNm_u8p8[3]	998
t_WIRBlndTblX_MtrNm_u8p8[4]	1024

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170547396	-0.170547381 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0560000017	0.0560000017 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114547402	0.114547387 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.81319332	1.81319344 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600277 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.04080439	7.04080343 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace				✔

Test Step 1.13 (Repeat Count = 1)		✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00800000038
VehicleSpeed_Kph_T_f32	80.3499985
WIRCmdAmpBlnd_MtrNm_T_f32	1.20000005
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000119999997
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0392927453	-0.0392927453 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064000003 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.0247072559 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.37325859 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.94662905 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.68011236	4.68011236 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.14 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.00899999961
VehicleSpeed_Kph_T_f32	96.6200027
WIRCmdAmpBlnd_MtrNm_T_f32	1.29999995
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
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[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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0544182248	-0.0544182286 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0719999969	0.0719999969 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.0175817721 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.50426316	2.5042634 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.6513648	-7.6513648 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84437227	5.8443718 ± 0.000009	✔

Test Step Call Trace				✔
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	0.00999999978
VehicleSpeed_Kph_T_f32	112.410004
WIRCmdAmpBlnd_MtrNm_T_f32	1.39999998
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_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]	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_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0412790775	-0.0412790813 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0799999982	0.0799999982 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0387209207	-0.0387209207 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72832537	3.72832561 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99044704	-7.99044704 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.28122759	4.28122759 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace				✔

Test Step 1.16 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0109999999
VehicleSpeed_Kph_T_f32	128.559998
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000150000007
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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.199160993	-0.199160963 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0879999995	0.0879999995 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.111160994	0.111160956 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.34697342	1.34697354 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.59078789 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.06223869	8.06223869 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace		✔

Test Step 1.17 (Repeat Count = 1)	✔
Name	**Input Value**
ADDCoef_MtrNmSpRad_T_f32	0.0120000001
VehicleSpeed_Kph_T_f32	144.520004
WIRCmdAmpBlnd_MtrNm_T_f32	1.60000002
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000159999996
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896

Name	**Actual Value**	**Expected Value**	**Result**
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.17973122	-0.17973122 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0960000008	0.0960000008 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.0837312192 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.64792907 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.37819386 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntpIVarXY_u16_u16Xu16Y_Cnt	4	IntpIVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace		✔

Test Step 1.18 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0130000003
VehicleSpeed_Kph_T_f32	160.630005
WIRCmdAmpBlnd_MtrNm_T_f32	1.70000005
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000300000014
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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_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
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_WIRBlndTblX_MtrNm_u8p8[0]	1050
t_WIRBlndTblX_MtrNm_u8p8[1]	1075
t_WIRBlndTblX_MtrNm_u8p8[2]	1101
t_WIRBlndTblX_MtrNm_u8p8[3]	1126
t_WIRBlndTblX_MtrNm_u8p8[4]	1152

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.0631598011 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104000002 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0408402011	-0.0408402011 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.47085524	3.47085547 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.96247482	-7.96247482 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.56666946	4.56666994 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace	✔

Test Step 1.19 (Repeat Count = 1)		✔
Name	**Input Value**	
ADDCoef_MtrNmSpRad_T_f32	0.0140000004	
VehicleSpeed_Kph_T_f32	176.850006	
WIRCmdAmpBlnd_MtrNm_T_f32	1.79999995	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.000310000003	
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]	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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277	
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915	
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554	
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192	
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1306	
t_WIRBlndTblX_MtrNm_u8p8[1]	1331	
t_WIRBlndTblX_MtrNm_u8p8[2]	1357	
t_WIRBlndTblX_MtrNm_u8p8[3]	1382	
t_WIRBlndTblX_MtrNm_u8p8[4]	1408	

Name	**Actual Value**	**Expected Value**	**Result**
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.173795044	-0.173795 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112000003 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.0617950037 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.6178236 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.70810461 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.67407179 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace	✔

Test Step 1.20 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0149999997
VehicleSpeed_Kph_T_f32	192.520004
WIRCmdAmpBlnd_MtrNm_T_f32	1.89999998
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1562
t_WIRBlndTblX_MtrNm_u8p8[1]	1587
t_WIRBlndTblX_MtrNm_u8p8[2]	1613
t_WIRBlndTblX_MtrNm_u8p8[3]	1638
t_WIRBlndTblX_MtrNm_u8p8[4]	1664

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867457 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.119999997 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.0358674601 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.82515597 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.79624844 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.37859583 ± 0.000009	✔

Test Step Call Trace

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	0.0160000008
VehicleSpeed_Kph_T_f32	208.119995
WIRCmdAmpBlnd_MtrNm_T_f32	2.20000005
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001
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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	0
t_WIRBlndTblX_MtrNm_u8p8[1]	0
t_WIRBlndTblX_MtrNm_u8p8[2]	0
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0883268192	-0.0883268118 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128000006 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.0396731868 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.39172363 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985914 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841722 ± 0.000009	✔

Test Step Call Trace				✔
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	0.0170000009
VehicleSpeed_Kph_T_f32	224.009995
WIRCmdAmpBlnd_MtrNm_T_f32	2.0999999
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000339999999
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
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
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	14746
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_WIRBlndTblX_MtrNm_u8p8[0]	2048
t_WIRBlndTblX_MtrNm_u8p8[1]	2048
t_WIRBlndTblX_MtrNm_u8p8[2]	2048
t_WIRBlndTblX_MtrNm_u8p8[3]	2048
t_WIRBlndTblX_MtrNm_u8p8[4]	2048

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.10374245 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136000007 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0322575532	-0.0322575495 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.30435205	3.30435181 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.93359709	-7.93359709 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.76205063	4.76205063 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.23 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0179999992
VehicleSpeed_Kph_T_f32	240.020004
WIRCmdAmpBlnd_MtrNm_T_f32	3.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988
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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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_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_WIRBlndTblX_MtrNm_u8p8[0]	256
t_WIRBlndTblX_MtrNm_u8p8[1]	512
t_WIRBlndTblX_MtrNm_u8p8[2]	768
t_WIRBlndTblX_MtrNm_u8p8[3]	1024
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.120654218	-0.120654218 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.143999994	0.143999994 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0233457759	-0.0233457815 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202346 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.922647 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.8253293 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace				✔

Test Step 1.24 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0189999994
VehicleSpeed_Kph_T_f32	256.049988
WIRCmdAmpBlnd_MtrNm_T_f32	4.30000019
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005
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_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
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]	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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	0
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	0
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_WIRBlndTblX_MtrNm_u8p8[0]	1766
t_WIRBlndTblX_MtrNm_u8p8[1]	1792
t_WIRBlndTblX_MtrNm_u8p8[2]	1818
t_WIRBlndTblX_MtrNm_u8p8[3]	1843
t_WIRBlndTblX_MtrNm_u8p8[4]	1869

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.266277403	-0.266277373 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.151999995	0.151999995 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114277415	0.114277385 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.55320787	2.55320811 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.67659283	-7.67659283 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.77019882 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.25 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0199999996
VehicleSpeed_Kph_T_f32	272.059998
WIRCmdAmpBlnd_MtrNm_T_f32	5.0999999
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000369999994
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_FreqTblYM_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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	16384
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	410
t_WIRBlndTblX_MtrNm_u8p8[1]	435
t_WIRBlndTblX_MtrNm_u8p8[2]	461
t_WIRBlndTblX_MtrNm_u8p8[3]	486
t_WIRBlndTblX_MtrNm_u8p8[4]	512

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0996317267	-0.0996317267 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0603682697	-0.0603682697 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23617816	3.23617816 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.91914797	-7.91914797 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.84467363	4.84467363 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace	✔

Test Step 1.26 (Repeat Count = 1)	✔
Name	**Input Value**
ADDCoef_MtrNmSpRad_T_f32	0.0209999997
VehicleSpeed_Kph_T_f32	288.079987
WIRCmdAmpBlnd_MtrNm_T_f32	6.4000001
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012
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]	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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_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]	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_WIRBlndTblX_MtrNm_u8p8[0]	666
t_WIRBlndTblX_MtrNm_u8p8[1]	691
t_WIRBlndTblX_MtrNm_u8p8[2]	717
t_WIRBlndTblX_MtrNm_u8p8[3]	742
t_WIRBlndTblX_MtrNm_u8p8[4]	768

Name	**Actual Value**	**Expected Value**	**Result**
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.211607069	-0.211607069 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167999998	0.167999998 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.0436070636 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.26093268	2.26093292 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.50725317 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.23181343	6.23181391 ± 0.000009	✔

Test Step Call Trace				✔
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	0.0219999999
VehicleSpeed_Kph_T_f32	304.089996
WIRCmdAmpBlnd_MtrNm_T_f32	7.0999999
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000390000001
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_FreqTblYM_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	922
t_WIRBlndTblX_MtrNm_u8p8[1]	947
t_WIRBlndTblX_MtrNm_u8p8[2]	973
t_WIRBlndTblX_MtrNm_u8p8[3]	998
t_WIRBlndTblX_MtrNm_u8p8[4]	1024

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.0564835444 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.175999999 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462	-0.119516455 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.64792907 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.37819386 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.28 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.023
VehicleSpeed_Kph_T_f32	320.070007
WIRCmdAmpBlnd_MtrNm_T_f32	8.19999981
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039999999
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44143194	-0.44143188 ± 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	0.257431895 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.2420702 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469471 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.26323557	6.26323509 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.29 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0240000002
VehicleSpeed_Kph_T_f32	336.059998
WIRCmdAmpBlnd_MtrNm_T_f32	4.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000410000008
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[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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.64859736	-0.6485973 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.192000002	0.192000002 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.456597328	0.456597298 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64794874	1.64794874 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97389889	-6.97389889 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37815237	7.37815237 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.30 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0250000004
VehicleSpeed_Kph_T_f32	352.049988
WIRCmdAmpBlnd_MtrNm_T_f32	4.9000001
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-006
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.12834549	-0.128345475 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.200000003	0.200000003 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.0716545284 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.25517941 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242453 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.29239559	8.29239655 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace				✔

Test Step 1.31 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0260000005
VehicleSpeed_Kph_T_f32	368.01001
WIRCmdAmpBlnd_MtrNm_T_f32	7.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456
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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44634214	-0.446342081 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208000004 ± 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	-7.13275242 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.06762838	7.06762838 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace		✔

Test Step 1.32 (Repeat Count = 1)		✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0270000007
VehicleSpeed_Kph_T_f32	384.019989
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	2.99999992e-005
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[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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-0.171643585 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216000006 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.0443564169 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.16740918	2.16740942 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.44288063 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.38971043	6.38970995 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step 1.33 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.0199999996
VehicleSpeed_Kph_T_f32	300.079987
WIRCmdAmpBlnd_MtrNm_T_f32	0.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	3.9999999e-005
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[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]	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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	11469
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_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.0846711174 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.0753288865 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.31349587 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.9354167 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.75108767 ± 0.000009	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	✔

Test Step Call Trace	✔

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
Test Object	FrqDepDmpnInrtCmp_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3
Successful	3 ✔
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	*************************************Unit Test Description************************************* Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_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 5667.00 Cycles
TS1.2 5703.00 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 Case 2: Boundary Test ✔

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

CPU Cycles:

TS2.1   5484.00 Cycles
TS2.2   5549.00 Cycles
TS2.3   5698.00 Cycles
TS2.4   5724.00 Cycles
TS2.5   5698.00 Cycles
TS2.6   5572.00 Cycles
TS2.7   5708.00 Cycles
TS2.8   6713.00 Cycles
TS2.9   5630.00 Cycles
TS2.10   5527.00 Cycles
TS2.11   5508.00 Cycles
TS2.12   5560.00 Cycles
TS2.13   5560.00 Cycles
TS2.14   5562.00 Cycles
TS2.15   5534.00 Cycles
TS2.16   5733.00 Cycles
TS2.17   5538.00 Cycles
TS2.18   5458.00 Cycles
TS2.19   5517.00 Cycles
TS2.20   5517.00 Cycles
TS2.21   5853.00 Cycles
TS2.22   5549.00 Cycles
TS2.23   5529.00 Cycles
TS2.24   5516.00 Cycles
TS2.25   5539.00 Cycles
TS2.26   5539.00 Cycles
TS2.27   5519.00 Cycles
TS2.28   5619.00 Cycles
TS2.29   5572.00 Cycles
TS2.30   5561.00 Cycles

Description   Test Vector Description:

TS2.1 All min
TS2.2 All max
TS2.3 HwTorque_HwNm_f32 = min
TS2.4 HwTorque_HwNm_f32 = max
TS2.5 HwTorque_HwNm_f32 = zero
TS2.6 HwTorque_HwNm_f32 = neg
TS2.7 HwTorque_HwNm_f32 = pos
TS2.8 CRFMotorVel_MtrRadpS_f32 = min
TS2.9 CRFMotorVel_MtrRadpS_f32 = max
TS2.10 CRFMotorVel_MtrRadpS_f32 = zero
TS2.11 CRFMotorVel_MtrRadpS_f32 = neg
TS2.12 CRFMotorVel_MtrRadpS_f32 = pos
TS2.13 BaseAssistCmd_MtrNm_f32 = min
TS2.14 BaseAssistCmd_MtrNm_f32 = max
TS2.15 BaseAssistCmd_MtrNm_f32 = zero
TS2.16 BaseAssistCmd_MtrNm_f32 = neg
TS2.17 BaseAssistCmd_MtrNm_f32 = pos
TS2.18 VehicleSpeed_Kph_f32 = min
TS2.19 VehicleSpeed_Kph_f32 = max
TS2.20 VehicleSpeed_Kph_f32 = pos
TS2.21 WIRCmdAmpBlnd_MtrNm_f32 = min
TS2.22 WIRCmdAmpBlnd_MtrNm_f32 = max
TS2.23 WIRCmdAmpBlnd_MtrNm_f32 = pos
TS2.24 FreqDepDmpSrlComSvcDft_Cnt_lgc = min
TS2.25 FreqDepDmpSrlComSvcDft_Cnt_lgc = max
TS2.26 VehicleLonAccel_KphpS_f32 = min
TS2.27 VehicleLonAccel_KphpS_f32 = max
TS2.28 VehicleLonAccel_KphpS_f32 = zero
TS2.29 VehicleLonAccel_KphpS_f32 = neg
TS2.30 VehicleLonAccel_KphpS_f32 = pos

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019
Prev1SclDrvVel_RadpS_M_f32	-12917.2998

Name	Input Value
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019
Prev2SclDrvVel_RadpS_M_f32	-12917.2998
PrevTbarAng_HwDeg_M_f32	-20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	1
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-006
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_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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
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_ADDRollingTblYM_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_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_DmpADDCoefX_MtrNm_u4p12[0]	0
t_DmpADDCoefX_MtrNm_u4p12[1]	0
t_DmpADDCoefX_MtrNm_u4p12[2]	0

Name	Input Value
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_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
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_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_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
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_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_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

Name	Input Value
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0
t_RIAstWIRBlndTblY_Uls_u2p14[0]	0
t_RIAstWIRBlndTblY_Uls_u2p14[1]	0
t_RIAstWIRBlndTblY_Uls_u2p14[2]	0
t_RIAstWIRBlndTblY_Uls_u2p14[3]	0
t_RIAstWIRBlndTblY_Uls_u2p14[4]	0
t_WIRBlndTblX_MtrNm_u8p8[0]	0
t_WIRBlndTblX_MtrNm_u8p8[1]	0
t_WIRBlndTblX_MtrNm_u8p8[2]	0
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.80000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.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_WIRCmdAmpBlnd_MtrNm_f32.value	0
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.79862785 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-0	0 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	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	4.2949673e+009
Prev1PreAttnComp_MtrNm_M_f32	8.80000019
Prev1SclDrvVel_RadpS_M_f32	12917.2998
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	12917.2998
PrevTbarAng_HwDeg_M_f32	1.01333404
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
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	0.000500000024
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1

Name	Input Value
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_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]	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
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]	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_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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000

Name	Input Value
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	16384
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	16384
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
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_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
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_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_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_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
t_RIAstWIRBlndTblY_Uls_u2p14[0]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[1]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[2]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[3]	16384
t_RIAstWIRBlndTblY_Uls_u2p14[4]	16384
t_WIRBlndTblX_MtrNm_u8p8[0]	2048
t_WIRBlndTblX_MtrNm_u8p8[1]	2048
t_WIRBlndTblX_MtrNm_u8p8[2]	2048
t_WIRBlndTblX_MtrNm_u8p8[3]	2048
t_WIRBlndTblX_MtrNm_u8p8[4]	2048
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1

Name	Input Value
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.992188
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	8.80000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_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_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-2.45381431e+011	-2.45381464e+011 ± 999999.9	✔
Prev1SclDrvVel_RadpS_M_f32	1112.98718	1112.98718 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.80000019 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.2998 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.8721137	-2.87210178 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.3 (Repeat Count = 1)	✔

Name	Input Value
PreDecelGain_Uls_M_f32	125487.234
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364

Name	Input Value
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
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
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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	8192
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	282
t_WIRBlndTblX_MtrNm_u8p8[1]	307
t_WIRBlndTblX_MtrNm_u8p8[2]	333
t_WIRBlndTblX_MtrNm_u8p8[3]	358
t_WIRBlndTblX_MtrNm_u8p8[4]	384
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✔

Name	Actual Value	Expected Value	Result
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.4 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	125589.211	
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002	
Prev1SclDrvVel_RadpS_M_f32	-445.299988	
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019	
Prev2SclDrvVel_RadpS_M_f32	-220.300003	
PrevTbarAng_HwDeg_M_f32	4.33900023	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992	
k_CmnTbarStiff_NmpDeg_f32	2.29999995	
k_DmpDecelGainFSlew_UlspS_f32	200.029999	
k_DmpDecelGain_Uls_f32	3.5999999	
k_DmpGainOffThresh_KphpS_f32	20.2000008	
k_DmpGainOnThresh_KphpS_f32	35.2999992	
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012	
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	
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]	128	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144	

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
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]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208
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
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]	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_UIspS_u13p3[0]	1480
t_DmpDecelGainSlewY_UIspS_u13p3[1]	1488
t_DmpDecelGainSlewY_UIspS_u13p3[2]	1496
t_DmpDecelGainSlewY_UIspS_u13p3[3]	1504
t_DmpDecelGainSlewY_UIspS_u13p3[4]	1512
t_DmpDecelGainSlewY_UIspS_u13p3[5]	1520
t_DmpFiltKpWIRBlndY_UIs_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_UIs_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_UIs_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_UIs_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_UIs_u2p14[4]	9830
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_AttenTblX_MtrRadpS_u12p4[0]	352
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400
t_FDD_AttenTblY_UIs_u8p8[0]	65
t_FDD_AttenTblY_UIs_u8p8[1]	68
t_FDD_BlendTblY_UIs_u8p8[0]	5
t_FDD_BlendTblY_UIs_u8p8[1]	8
t_FDD_BlendTblY_UIs_u8p8[2]	10
t_FDD_BlendTblY_UIs_u8p8[3]	13

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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.19999981
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-600.299988
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.0300007
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.29999995
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.156 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.309448 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125691.188
Prev1PreAttnComp_MtrNm_M_f32	2.20000005
Prev1SclDrvVel_RadpS_M_f32	292.600006
Prev2PreAttnComp_MtrNm_M_f32	6.80000019
Prev2SclDrvVel_RadpS_M_f32	105.099998
PrevTbarAng_HwDeg_M_f32	-0.00100000005
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2000008
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	4.5
k_DmpGainOffThresh_KphpS_f32	22.1000004
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	1.99999995e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988
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
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[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]	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

Name	Input Value
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]	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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	11469
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_AttenTblX_MtrRadpS_u12p4[0]	448
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	480
t_FDD_AttenTblY_Uls_u8p8[0]	93
t_FDD_AttenTblY_Uls_u8p8[1]	96
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	7.30000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	500.399994
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0100002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	300.049988
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125690.984	125690.984 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.969 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	350.610321	350.610321 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.20000005	2.20000005 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.600006 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252006 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125793.156
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005
Prev1SclDrvVel_RadpS_M_f32	-160.300003
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981
Prev2SclDrvVel_RadpS_M_f32	-301.200012
PrevTbarAng_HwDeg_M_f32	-1.15489995
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4000015
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	200.050003
k_DmpDecelGain_Uls_f32	3.20000005
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	45.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	2.99999992e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
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]	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]	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_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
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128

Name	Input Value
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
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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
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
t_FDD_BlendTblY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41

Name	Input Value
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_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_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_WIRBIndTblX_MtrNm_u8p8[0]	1050
t_WIRBIndTblX_MtrNm_u8p8[1]	1075
t_WIRBIndTblX_MtrNm_u8p8[2]	1101
t_WIRBIndTblX_MtrNm_u8p8[3]	1126
t_WIRBIndTblX_MtrNm_u8p8[4]	1152
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-7.0999999
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-500.5
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-5.19999981
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.059998
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.0999999
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwh	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125792.758	125792.758 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	512151.25	512151.219 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610382 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.300003 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.15555561 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.939015687	-0.939021349 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125895.133
Prev1PreAttnComp_MtrNm_M_f32	3.29999995
Prev1SclDrvVel_RadpS_M_f32	2625.30005
Prev2PreAttnComp_MtrNm_M_f32	5.19999981
Prev2SclDrvVel_RadpS_M_f32	157.199997
PrevTbarAng_HwDeg_M_f32	1.00899994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.0299988
k_CmnTbarStiff_NmpDeg_f32	5.19999981
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	4.19999981
k_DmpGainOffThresh_KphpS_f32	33.2000008
k_DmpGainOnThresh_KphpS_f32	15.1999998
k_InrtCmp_MtrInertia_KgmSq_f32	3.9999999e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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]	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
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
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]	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

Name	Input Value
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]	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]	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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280
t_DmpDecelGainSlewY_UIspS_u13p3[0]	1608
t_DmpDecelGainSlewY_UIspS_u13p3[1]	1616
t_DmpDecelGainSlewY_UIspS_u13p3[2]	1624
t_DmpDecelGainSlewY_UIspS_u13p3[3]	1632
t_DmpDecelGainSlewY_UIspS_u13p3[4]	1640
t_DmpDecelGainSlewY_UIspS_u13p3[5]	1648
t_DmpFiltKpWIRBlndY_UIs_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_UIs_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_UIs_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_UIs_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_UIs_u2p14[4]	14746
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_AttenTblX_MtrRadpS_u12p4[0]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_UIs_u8p8[0]	144
t_FDD_AttenTblY_UIs_u8p8[1]	146
t_FDD_BlendTblY_UIs_u8p8[0]	15
t_FDD_BlendTblY_UIs_u8p8[1]	18
t_FDD_BlendTblY_UIs_u8p8[2]	20
t_FDD_BlendTblY_UIs_u8p8[3]	23
t_FDD_BlendTblY_UIs_u8p8[4]	26
t_FDD_BlendTblY_UIs_u8p8[5]	28
t_FDD_BlendTblY_UIs_u8p8[6]	31
t_FDD_BlendTblY_UIs_u8p8[7]	33
t_FDD_BlendTblY_UIs_u8p8[8]	36
t_FDD_BlendTblY_UIs_u8p8[9]	38
t_FDD_BlendTblY_UIs_u8p8[10]	41
t_FDD_BlendTblY_UIs_u8p8[11]	44

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	1306
t_WIRBlndTblX_MtrNm_u8p8[1]	1331
t_WIRBlndTblX_MtrNm_u8p8[2]	1357
t_WIRBlndTblX_MtrNm_u8p8[3]	1382
t_WIRBlndTblX_MtrNm_u8p8[4]	1408
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	6.19999981
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	400.600006
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	5.30000019
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.0500002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.079987
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125894.531	125894.531 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.182892 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.30005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.01923084	1.01923072 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.63173914 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125997.109
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995
Prev1SclDrvVel_RadpS_M_f32	-4021.30005
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2SclDrvVel_RadpS_M_f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992
k_CmnTbarStiff_NmpDeg_f32	6.19999981
k_DmpDecelGainFSlew_UlspS_f32	400.049988
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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
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

Name	Input Value
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
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
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192
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_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
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

Name	Input Value
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]	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_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]	1562
t_WIRBIndTblX_MtrNm_u8p8[1]	1587
t_WIRBIndTblX_MtrNm_u8p8[2]	1613
t_WIRBIndTblX_MtrNm_u8p8[3]	1638
t_WIRBIndTblX_MtrNm_u8p8[4]	1664
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.30000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.01999998
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.0100002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.30000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.313 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126099.086
Prev1PreAttnComp_MtrNm_M_f32	4.4000001
Prev1SclDrvVel_RadpS_M_f32	1234.19995
Prev2PreAttnComp_MtrNm_M_f32	2.29999995
Prev2SclDrvVel_RadpS_M_f32	4678.2002
PrevTbarAng_HwDeg_M_f32	-0.128999993
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.5
k_CmnTbarStiff_NmpDeg_f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	500.019989
k_DmpDecelGain_Uls_f32	5.5999999
k_DmpGainOffThresh_KphpS_f32	8.60000038
k_DmpGainOnThresh_KphpS_f32	25.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012
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
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_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
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
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

Name	Input Value
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
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_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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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
t_FDD_AttenTblY_Uls_u8p8[0]	218
t_FDD_AttenTblY_Uls_u8p8[1]	220
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

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1766
t_WIRBlndTblX_MtrNm_u8p8[1]	1792
t_WIRBlndTblX_MtrNm_u8p8[2]	1818
t_WIRBlndTblX_MtrNm_u8p8[3]	1843
t_WIRBlndTblX_MtrNm_u8p8[4]	1869
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.19999981
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.02999997
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.0499992
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.080002
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.0999999
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126098.086	126098.086 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-3128609.5	-3128609.25 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	340.747711	340.747681 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	1234.19995	1234.19995 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.137333333	-0.137333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	6.04672861	6.04672861 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.10 (Repeat Count = 1)

Name	Input Value
PreDecelGain_Uls_M_f32	126201.063
Prev1PreAttnComp_MtrNm_M_f32	-4.4000001
Prev1SclDrvVel_RadpS_M_f32	-270.200012
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005
Prev2SclDrvVel_RadpS_M_f32	-15.3000002
PrevTbarAng_HwDeg_M_f32	0.279000014
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997
k_CmnSysKinRatio_MtrDegpHwDeg_f32	80.0199966
k_CmnTbarStiff_NmpDeg_f32	8.80000019
k_DmpDecelGainFSlew_UlspS_f32	600.059998
k_DmpDecelGain_Uls_f32	7.19999981
k_DmpGainOffThresh_KphpS_f32	16.2000008
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
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_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
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_FreqTblYM_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_FreqTblYM_Hz_u12p4[1][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344

Name	Input Value
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]	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]	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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
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
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_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
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	410
t_WIRBlndTblX_MtrNm_u8p8[1]	435
t_WIRBlndTblX_MtrNm_u8p8[2]	461
t_WIRBlndTblX_MtrNm_u8p8[3]	486
t_WIRBlndTblX_MtrNm_u8p8[4]	512
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.089996
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.0999999
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.859 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.875 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-0.866061449	-0.866061509 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4000001 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.200012 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090906 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.29165506 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.11 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	126303.031	
Prev1PreAttnComp_MtrNm_M_f32	5.5	
Prev1SclDrvVel_RadpS_M_f32	6789	
Prev2PreAttnComp_MtrNm_M_f32	1.70000005	
Prev2SclDrvVel_RadpS_M_f32	5322.2002	
PrevTbarAng_HwDeg_M_f32	-0.268999994	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	5.19999981	
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.0199966	
k_CmnTbarStiff_NmpDeg_f32	9.60000038	
k_DmpDecelGainFSlew_UlspS_f32	700.02002	
k_DmpDecelGain_Uls_f32	8.5	
k_DmpGainOffThresh_KphpS_f32	24.1000004	
k_DmpGainOnThresh_KphpS_f32	35.2999992	
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001	
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_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]	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	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184	

Name	Input Value
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]	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]	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
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
t_FDD_BlendTblY_Uls_u8p8[11]	93

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	666
t_WIRBlndTblX_MtrNm_u8p8[1]	691
t_WIRBlndTblX_MtrNm_u8p8[2]	717
t_WIRBlndTblX_MtrNm_u8p8[3]	742
t_WIRBlndTblX_MtrNm_u8p8[4]	768
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.0999999
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.200012
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5999999
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.10000002
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_f32	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126301.633	126301.633 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1181610.88	1181610.5 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.2495117 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833343 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.9738059 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.12 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126405.008
Prev1PreAttnComp_MtrNm_M_f32	-5.5
Prev1SclDrvVel_RadpS_M_f32	-37.0299988
Prev2PreAttnComp_MtrNm_M_f32	-8.30000019
Prev2SclDrvVel_RadpS_M_f32	-42.2000008
PrevTbarAng_HwDeg_M_f32	2.45900011
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0254699998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.1199999
k_CmnTbarStiff_NmpDeg_f32	1.5
k_DmpDecelGainFSlew_UlspS_f32	800.01001
k_DmpDecelGain_Uls_f32	9.5
k_DmpGainOffThresh_KphpS_f32	32.2999992
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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
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_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

Name	Input Value
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]	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_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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	14746
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_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
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

Name	Input Value
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_RIAstWIRBIndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746
t_WIRBIndTblX_MtrNm_u8p8[0]	922
t_WIRBIndTblX_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	-3.20000005
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	350.299988
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.70000005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	22.0300007
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.029999
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126403.406	126403.406 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-343428.688	-343428.781 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	314.997375	314.997375 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-37.0299988	-37.0299988 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	2.4666667	2.4666667 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.99539185	-3.99539089 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.13 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126506.984
Prev1PreAttnComp_MtrNm_M_f32	6.5999999
Prev1SclDrvVel_RadpS_M_f32	26.0200005
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2SclDrvVel_RadpS_M_f32	17.2000008
PrevTbarAng_HwDeg_M_f32	-1.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0214499999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.1299992
k_CmnTbarStiff_NmpDeg_f32	2.5
k_DmpDecelGainFSlew_UlspS_f32	900.030029
k_DmpDecelGain_Uls_f32	1.10000002
k_DmpGainOffThresh_KphpS_f32	40.2000008
k_DmpGainOnThresh_KphpS_f32	45.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
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_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]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_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]	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

Name	Input Value
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]	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_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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	8192
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_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
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.80000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-400.200012
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.79999995
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	33.0499992
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	160.009995
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.29999995
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126505.188	126505.188 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1010980	1010980.13 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-319.417603	-319.417603 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.0200005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.51999998 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.10051489 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126608.961
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999
Prev1SclDrvVel_RadpS_M_f32	-33.0499992
Prev2PreAttnComp_MtrNm_M_f32	-7.5
Prev2SclDrvVel_RadpS_M_f32	-922.299988
PrevTbarAng_HwDeg_M_f32	1.15999997
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.0369199999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.1500015
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	1000.04999
k_DmpDecelGain_Uls_f32	1.5
k_DmpGainOffThresh_KphpS_f32	48.2000008
k_DmpGainOnThresh_KphpS_f32	47.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99000001
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[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

Name	Input Value
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]	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]	3264
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3360
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424
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
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]	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_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
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]	159
t_FDD_BlendTblY_Uls_u8p8[7]	162
t_FDD_BlendTblY_Uls_u8p8[8]	164
t_FDD_BlendTblY_Uls_u8p8[9]	167
t_FDD_BlendTblY_Uls_u8p8[10]	169
t_FDD_BlendTblY_Uls_u8p8[11]	172

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	300.600006
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	4.0999999
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-11.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	170.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.4000001
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126606.961	126606.961 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1334381.63	1334381.75 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.508514 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-33.0499992	-33.0499992 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.17142856	1.17142856 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.15980816	-3.15980864 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126710.938
Prev1PreAttnComp_MtrNm_M_f32	7.69999981
Prev1SclDrvVel_RadpS_M_f32	18.0300007
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.5
PrevTbarAng_HwDeg_M_f32	-0.920000017
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.5099983
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	1100.02002
k_DmpDecelGain_Uls_f32	1.89999998
k_DmpGainOffThresh_KphpS_f32	4.19999981
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000119999997
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
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_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]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456
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]	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

Name	Input Value
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]	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]	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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	11469
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_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
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]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-300.100006
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.19999981
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-22.0100002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.050003
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.5999999
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_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_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126710.938	126710.938 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	26591.9277	26591.9277 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-177.270554	-177.270538 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.0300007 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333337 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.05071735 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126812.906
Prev1PreAttnComp_MtrNm_M_f32	-7.69999981
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2SclDrvVel_RadpS_M_f32	-297.299988
PrevTbarAng_HwDeg_M_f32	1.14499998
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0325700007
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.1199989
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05005
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.19999981
k_DmpGainOnThresh_KphpS_f32	35.2000008
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][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
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144

Name	Input Value
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
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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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]	1296
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360
t_FDD_AttenTblY_Uls_u8p8[0]	230
t_FDD_AttenTblY_Uls_u8p8[1]	232
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-5.4000001
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.199997
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.30000019
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.0499992
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.050003
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.69999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.906 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.719 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.8688354 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.14545453	1.14545453 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.05580378 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.17 (Repeat Count = 1)

Name	Input Value
PreDecelGain_Uls_M_f32	126914.883
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6000004
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.200012
PrevTbarAng_HwDeg_M_f32	-0.978999972
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0963210016
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.1299973
k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpDecelGainFSlew_UlspS_f32	1300.06006
k_DmpDecelGain_Uls_f32	5.5999999
k_DmpGainOffThresh_KphpS_f32	12.1999998
k_DmpGainOnThresh_KphpS_f32	40.0999985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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]	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_FreqTblYM_Hz_u12p4[0][11]	1312
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

Name	Input Value
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_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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	14746
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_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
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	922
t_WIRBlndTblX_MtrNm_u8p8[1]	947
t_WIRBlndTblX_MtrNm_u8p8[2]	973
t_WIRBlndTblX_MtrNm_u8p8[3]	998
t_WIRBlndTblX_MtrNm_u8p8[4]	1024
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-200.399994
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4000001
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.0600014
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.029999
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.281 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.438 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.6709976 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6000004 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615386 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.61538005 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.18 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	127016.859	
Prev1PreAttnComp_MtrNm_M_f32	-1.5	
Prev1SclDrvVel_RadpS_M_f32	-16.2000008	
Prev2PreAttnComp_MtrNm_M_f32	-4.5	
Prev2SclDrvVel_RadpS_M_f32	-25.6000004	
PrevTbarAng_HwDeg_M_f32	0.989000022	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	1.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.0478519984	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1399994	
k_CmnTbarStiff_NmpDeg_f32	7.5	
k_DmpDecelGainFSlew_UlspS_f32	1400.05005	
k_DmpDecelGain_Uls_f32	2.0999999	
k_DmpGainOffThresh_KphpS_f32	16.5	
k_DmpGainOnThresh_KphpS_f32	45.2000008	
k_InrtCmp_MtrInertia_KgmSq_f32	0.000150000007	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012	
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	
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_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]	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	

Name	Input Value
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]	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]	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]	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
t_DmpFiltKpWlRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWlRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWlRBlndY_Uls_u2p14[4]	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_AttenTblX_MtrRadpS_u12p4[0]	1520
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1536
t_FDD_AttenTblY_Uls_u8p8[0]	86
t_FDD_AttenTblY_Uls_u8p8[1]	88
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	100.800003
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0100002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnln	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127014.063	127014.063 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-12284.4609	-12284.46 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	30.5068626	30.5068626 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.2000008	-16.2000008 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.69140744	1.69140804 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127118.836
Prev1PreAttnComp_MtrNm_M_f32	2.5
Prev1SclDrvVel_RadpS_M_f32	100.800003
Prev2PreAttnComp_MtrNm_M_f32	4.5
Prev2SclDrvVel_RadpS_M_f32	987.5
PrevTbarAng_HwDeg_M_f32	-0.893999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.60000002
TbarVelFiltSv_M_str.K_Uls_f32	0.235599995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.1500015
k_CmnTbarStiff_NmpDeg_f32	8.5
k_DmpDecelGainFSlew_UlspS_f32	1500.02002
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	20.6000004
k_DmpGainOnThresh_KphpS_f32	22.2200008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000159999996
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
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_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
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]	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]	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

Name	Input Value
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]	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_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]	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]	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]	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_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
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.0999999
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-100.400002
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-7.5999999
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	12.0299997
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.992188
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127115.836	127115.836 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-388429.438	-388429.5 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-20.7490158	-20.7490158 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	100.800003	100.800003 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.894117653	-0.894117653 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.23690033	-1.23689878 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127220.813
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-69.5999985
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2SclDrvVel_RadpS_M_f32	-59.2000008
PrevTbarAng_HwDeg_M_f32	0.908999979
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.20000005
TbarVelFiltSv_M_str.K_Uls_f32	0.347900003
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.1200027
k_CmnTbarStiff_NmpDeg_f32	9.5
k_DmpDecelGainFSlew_UlspS_f32	1600.03003
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000300000014
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
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]	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]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[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_FreqTblYM_Hz_u12p4[1][3]	704

Name	Input Value
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]	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_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]	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_DmpFiltKpWlRBlndY_Uls_u2p14[0]	4915
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	6554
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]	8192
t_DmpFiltKpWlRBlndY_Uls_u2p14[3]	9830
t_DmpFiltKpWlRBlndY_Uls_u2p14[4]	11469
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_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
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
t_FDD_BlendTblY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.5
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	150.5
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.69999981
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.0500002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127217.609	127217.609 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-34957.4961	-34957.4961 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	16.6422844	16.6422882 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.5999985 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789485 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.96354413	1.9635489 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127322.781
Prev1PreAttnComp_MtrNm_M_f32	-3.5
Prev1SclDrvVel_RadpS_M_f32	-49.2000008
Prev2PreAttnComp_MtrNm_M_f32	-2.4000001
Prev2SclDrvVel_RadpS_M_f32	-366.200012
PrevTbarAng_HwDeg_M_f32	-6.77099991
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.0200005
k_CmnTbarStiff_NmpDeg_f32	1.29999995
k_DmpDecelGainFSlew_UlspS_f32	1700.05005
k_DmpDecelGain_Uls_f32	2.0999999
k_DmpGainOffThresh_KphpS_f32	16.2000008
k_DmpGainOnThresh_KphpS_f32	44.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000310000003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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_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]	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_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

Name	Input Value
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]	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]	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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	13107
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_AttenTblX_MtrRadpS_u12p4[0]	1728
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760
t_FDD_AttenTblY_Uls_u8p8[0]	166
t_FDD_AttenTblY_Uls_u8p8[1]	166
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

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.60000002
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-150.600006
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.80000019
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	14.0600004
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	0
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwM	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127319.383	127319.383 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	527959.5	527959.438 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-135.810211	-135.810181 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-49.2000008	-49.2000008 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-6.76923132	-6.76923084 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.96496433	-0.964892328 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	8787
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	22.2999992
Prev2PreAttnComp_MtrNm_M_f32	2.4000001
Prev2SclDrvVel_RadpS_M_f32	115.199997
PrevTbarAng_HwDeg_M_f32	3.40300012
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.336600006
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.0300007
k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	1800.06006
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	20.2999992
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
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]	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
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
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

Name	Input Value
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]	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]	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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
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_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]	1776
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840
t_FDD_AttenTblY_Uls_u8p8[0]	189
t_FDD_AttenTblY_Uls_u8p8[1]	191
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

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	1178
t_WIRBlndTblX_MtrNm_u8p8[1]	1203
t_WIRBlndTblX_MtrNm_u8p8[2]	1229
t_WIRBlndTblX_MtrNm_u8p8[3]	1254
t_WIRBlndTblX_MtrNm_u8p8[4]	1280
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.10000002
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	250.020004
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	9.19999981
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	15.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	230.029999
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	8.80000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_f	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	8783.39941	8783.39941 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-3935.75269	-3935.75317 ± 0.009	✔
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.816681 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.2999992 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	3.40740728	3.40740752 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.46656632	2.46660662 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace				✔
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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.23 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	45678	
Prev1PreAttnComp_MtrNm_M_f32	-4.5	
Prev1SclDrvVel_RadpS_M_f32	-48.5	
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	
Prev2SclDrvVel_RadpS_M_f32	-380.200012	
PrevTbarAng_HwDeg_M_f32	-3.05999994	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.448799998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25	
k_CmnTbarStiff_NmpDeg_f32	3.0999999	
k_DmpDecelGainFSlew_UlspS_f32	1900.07996	
k_DmpDecelGain_Uls_f32	2.5999999	
k_DmpGainOffThresh_KphpS_f32	22.5	
k_DmpGainOnThresh_KphpS_f32	16.2000008	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988	
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_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	
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]	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	

Name	Input Value
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]	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]	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
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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	9830
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_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920
t_FDD_AttenTblY_Uls_u8p8[0]	237
t_FDD_AttenTblY_Uls_u8p8[1]	239
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1434
t_WIRBlndTblX_MtrNm_u8p8[1]	1459
t_WIRBlndTblX_MtrNm_u8p8[2]	1485
t_WIRBlndTblX_MtrNm_u8p8[3]	1510
t_WIRBlndTblX_MtrNm_u8p8[4]	1536
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.10000002
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.029999
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.0099983
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.050003
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.5
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.1992 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.4414 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.861557 ± 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	-3.06451607 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.39141941 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.24 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127628.711
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.600006
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2SclDrvVel_RadpS_M_f32	175.300003
PrevTbarAng_HwDeg_M_f32	1.15400004
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.20000005
TbarVelFiltSv_M_str.K_Uls_f32	0.559899986
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.0599995
k_CmnTbarStiff_NmpDeg_f32	1.29999995
k_DmpDecelGainFSlew_UlspS_f32	200.089996
k_DmpDecelGain_Uls_f32	2.79999995
k_DmpGainOffThresh_KphpS_f32	22.2000008
k_DmpGainOnThresh_KphpS_f32	24.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	0.000339999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
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_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_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
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]	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

Name	Input Value
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[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]	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
t_DmpFiltKpWIRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	14746
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]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000
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
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	1690
t_WIRBlndTblX_MtrNm_u8p8[1]	1715
t_WIRBlndTblX_MtrNm_u8p8[2]	1741
t_WIRBlndTblX_MtrNm_u8p8[3]	1766
t_WIRBlndTblX_MtrNm_u8p8[4]	1792
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005
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_Per1_VehicleLonAccel_KphpS_f32.value	-35.0600014
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.019989
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.313 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.291 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.225555 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.600006 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.36525083 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.25 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127730.688
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.2300034
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038
Prev2SclDrvVel_RadpS_M_f32	-120.099998
PrevTbarAng_HwDeg_M_f32	-0.55400002
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.0200005
k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2000008
k_DmpGainOnThresh_KphpS_f32	32.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988
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_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
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_FreqTblYM_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

Name	Input Value
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]	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
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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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
t_FDD_BlendTblY_Uls_u8p8[10]	91
t_FDD_BlendTblY_Uls_u8p8[11]	93

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[3]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[4]	11469
t_WIRBlndTblX_MtrNm_u8p8[0]	1894
t_WIRBlndTblX_MtrNm_u8p8[1]	1920
t_WIRBlndTblX_MtrNm_u8p8[2]	1946
t_WIRBlndTblX_MtrNm_u8p8[3]	1971
t_WIRBlndTblX_MtrNm_u8p8[4]	1997
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.20000005
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.140015
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.059998
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.086 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.7891 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.675308 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.2300034 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555582 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.83605552 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.26 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127832.656
Prev1PreAttnComp_MtrNm_M_f32	7.5
Prev1SclDrvVel_RadpS_M_f32	-1100.19995
Prev2PreAttnComp_MtrNm_M_f32	8.10000038
Prev2SclDrvVel_RadpS_M_f32	-36.2000008
PrevTbarAng_HwDeg_M_f32	0.800000012
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.1199989
k_CmnTbarStiff_NmpDeg_f32	3.0999999
k_DmpDecelGainFSlew_UlspS_f32	200.020004
k_DmpDecelGain_Uls_f32	3.9000001
k_DmpGainOffThresh_KphpS_f32	15.1999998
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.889999986
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
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]	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

Name	Input Value
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
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	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_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]	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]	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[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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	794
t_WIRBlndTblX_MtrNm_u8p8[1]	819
t_WIRBlndTblX_MtrNm_u8p8[2]	845
t_WIRBlndTblX_MtrNm_u8p8[3]	870
t_WIRBlndTblX_MtrNm_u8p8[4]	896
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.29999995
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	550.200012
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	280.019989
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.19999981
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127832.258	127832.258 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-2236951.25	-2236951.25 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	488.806824	488.806824 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1100.19995	-1100.19995 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.67284751	-2.67284679 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127934.633
Prev1PreAttnComp_MtrNm_M_f32	-7.5
Prev1SclDrvVel_RadpS_M_f32	250.050003
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981
Prev2SclDrvVel_RadpS_M_f32	11.5
PrevTbarAng_HwDeg_M_f32	-0.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.1200027
k_CmnTbarStiff_NmpDeg_f32	4.80000019
k_DmpDecelGainFSlew_UlspS_f32	300.029999
k_DmpDecelGain_Uls_f32	3.70000005
k_DmpGainOffThresh_KphpS_f32	20.2000008
k_DmpGainOnThresh_KphpS_f32	48.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000369999994
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012
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_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]	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

Name	Input Value
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]	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]	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
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
t_DmpFiltKpWlRBlndY_Uls_u2p14[0]	1638
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]	4915
t_DmpFiltKpWlRBlndY_Uls_u2p14[3]	6554
t_DmpFiltKpWlRBlndY_Uls_u2p14[4]	8192
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_AttenTblX_MtrRadpS_u12p4[0]	1680
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[1]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[3]	13107
t_RIAstWIRBlndTblY_Uls_u2p14[4]	14746
t_WIRBlndTblX_MtrNm_u8p8[0]	1050
t_WIRBlndTblX_MtrNm_u8p8[1]	1075
t_WIRBlndTblX_MtrNm_u8p8[2]	1101
t_WIRBlndTblX_MtrNm_u8p8[3]	1126
t_WIRBlndTblX_MtrNm_u8p8[4]	1152
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.29999995
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-550.299988
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	290.01001
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.29999995
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnln	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.031 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.781 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.116669 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.050003 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833313 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.58375502 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128036.609
Prev1PreAttnComp_MtrNm_M_f32	8.5
Prev1SclDrvVel_RadpS_M_f32	5000.02979
Prev2PreAttnComp_MtrNm_M_f32	7.69999981
Prev2SclDrvVel_RadpS_M_f32	-38.2999992
PrevTbarAng_HwDeg_M_f32	0.660000026
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.3199997
k_CmnTbarStiff_NmpDeg_f32	5.19999981
k_DmpDecelGainFSlew_UlspS_f32	100.050003
k_DmpDecelGain_Uls_f32	4.80000019
k_DmpGainOffThresh_KphpS_f32	25.2999992
k_DmpGainOnThresh_KphpS_f32	4.19999981
k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
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]	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
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_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

Name	Input Value
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]	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]	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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_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]	1648
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320
t_FDD_AttenTblY_Uls_u8p8[0]	144
t_FDD_AttenTblY_Uls_u8p8[1]	146
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]	159
t_FDD_BlendTblY_Uls_u8p8[7]	162
t_FDD_BlendTblY_Uls_u8p8[8]	164
t_FDD_BlendTblY_Uls_u8p8[9]	167
t_FDD_BlendTblY_Uls_u8p8[10]	169
t_FDD_BlendTblY_Uls_u8p8[11]	172

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[1]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[2]	9830
t_RIAstWIRBlndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBlndTblY_Uls_u2p14[4]	13107
t_WIRBlndTblX_MtrNm_u8p8[0]	1306
t_WIRBlndTblX_MtrNm_u8p8[1]	1331
t_WIRBlndTblX_MtrNm_u8p8[2]	1357
t_WIRBlndTblX_MtrNm_u8p8[3]	1382
t_WIRBlndTblX_MtrNm_u8p8[4]	1408
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.4000001
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01001
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	305.049988
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.29999995
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128036.406	128036.406 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	34435492	34435492 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	130.127335	130.12735 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	5000.02979	5000.02979 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076928 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.261120796	0.261126161 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.29 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128138.586
Prev1PreAttnComp_MtrNm_M_f32	-8.5
Prev1SclDrvVel_RadpS_M_f32	-26.2999992
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999
Prev2SclDrvVel_RadpS_M_f32	175.199997
PrevTbarAng_HwDeg_M_f32	-0.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.0999999
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1200008
k_CmnTbarStiff_NmpDeg_f32	6.80000019
k_DmpDecelGainFSlew_UlspS_f32	200.020004
k_DmpDecelGain_Uls_f32	5.9000001
k_DmpGainOffThresh_KphpS_f32	30.2000008
k_DmpGainOnThresh_KphpS_f32	8.30000019
k_InrtCmp_MtrInertia_KgmSq_f32	0.000390000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
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
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[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

Name	Input Value
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]	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]	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]	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_UIspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UIspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UIspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UIspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UIspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UIspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	4915
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	6554
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	8192
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	9830
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	11469
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_AttenTblX_MtrRadpS_u12p4[0]	1616
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400
t_FDD_AttenTblY_UIs_u8p8[0]	172
t_FDD_AttenTblY_UIs_u8p8[1]	174
t_FDD_BlendTblY_UIs_u8p8[0]	172
t_FDD_BlendTblY_UIs_u8p8[1]	174
t_FDD_BlendTblY_UIs_u8p8[2]	176
t_FDD_BlendTblY_UIs_u8p8[3]	178
t_FDD_BlendTblY_UIs_u8p8[4]	180
t_FDD_BlendTblY_UIs_u8p8[5]	183
t_FDD_BlendTblY_UIs_u8p8[6]	185
t_FDD_BlendTblY_UIs_u8p8[7]	187
t_FDD_BlendTblY_UIs_u8p8[8]	189
t_FDD_BlendTblY_UIs_u8p8[9]	191
t_FDD_BlendTblY_UIs_u8p8[10]	193
t_FDD_BlendTblY_UIs_u8p8[11]	195

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	282
t_WIRBlndTblX_MtrNm_u8p8[1]	307
t_WIRBlndTblX_MtrNm_u8p8[2]	333
t_WIRBlndTblX_MtrNm_u8p8[3]	358
t_WIRBlndTblX_MtrNm_u8p8[4]	384
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.4000001
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-650.080017
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	315.040009
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.30000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwN	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128138.188	128138.188 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-64.6186523	-64.6186447 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.2999992 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705896 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.11589229 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.30 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128240.563
Prev1PreAttnComp_MtrNm_M_f32	1.29999995
Prev1SclDrvVel_RadpS_M_f32	18.2000008
Prev2PreAttnComp_MtrNm_M_f32	6.5999999
Prev2SclDrvVel_RadpS_M_f32	-120.800003
PrevTbarAng_HwDeg_M_f32	20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.1299973
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	300.029999
k_DmpDecelGain_Uls_f32	5.80000019
k_DmpGainOffThresh_KphpS_f32	35.2999992
k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	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

Name	Input Value
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]	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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBlndY_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]	1648
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480
t_FDD_AttenTblY_Uls_u8p8[0]	218
t_FDD_AttenTblY_Uls_u8p8[1]	220
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

Name	Input Value
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_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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	110.050003
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0299997
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.019989
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.30000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128239.961	128239.961 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	224855.719	224855.719 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358139 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2000008 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751004 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Case 3: Path Test ✔

Specification

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

CPU Cycles:

TS3.1  5693.00 Cycles
TS3.2  5724.00 Cycles
TS3.3  6713.00 Cycles
```

Description

```
Test Vector Description:

TS3.1  "(FDDDefSrvFlg_Cnt_T_lgc = True) =False
(FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True"
TS3.2  "(FDDDefSrvFlg_Cnt_T_lgc = True) =True
(FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=False
(FrqDepDmpnInrtCmp_MtrNm_T_f32<=D_MTRTRQCMDHILMT_MTRNM_F32)=False"
TS3.3  (FrqDepDmpnInrtCmp_MtrNm_T_f32<=D_MTRTRQCMDHILMT_MTRNM_F32)=True
```

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125487.234
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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_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

Name	Input Value
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
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
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
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_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

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	282
t_WIRBlndTblX_MtrNm_u8p8[1]	307
t_WIRBlndTblX_MtrNm_u8p8[2]	333
t_WIRBlndTblX_MtrNm_u8p8[3]	358
t_WIRBlndTblX_MtrNm_u8p8[4]	384
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.20000005
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	✔

Name	Actual Value	Expected Value	Result
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	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	125589.211
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002
Prev1SclDrvVel_RadpS_M_f32	-445.299988
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019
Prev2SclDrvVel_RadpS_M_f32	-220.300003
PrevTbarAng_HwDeg_M_f32	4.33900023
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
k_CmnTbarStiff_NmpDeg_f32	2.29999995
k_DmpDecelGainFSlew_UlspS_f32	200.029999
k_DmpDecelGain_Uls_f32	3.5999999
k_DmpGainOffThresh_KphpS_f32	20.2000008
k_DmpGainOnThresh_KphpS_f32	35.2999992
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
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
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]	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]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64

Name	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_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]	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]	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]	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]	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_DmpFiltKpWIRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBlndY_Uls_u2p14[4]	9830
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_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
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

Name	Input Value
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_RIAstWIRBlndTblY_Uls_u2p14[0]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[1]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[3]	8192
t_RIAstWIRBlndTblY_Uls_u2p14[4]	9830
t_WIRBlndTblX_MtrNm_u8p8[0]	538
t_WIRBlndTblX_MtrNm_u8p8[1]	563
t_WIRBlndTblX_MtrNm_u8p8[2]	589
t_WIRBlndTblX_MtrNm_u8p8[3]	614
t_WIRBlndTblX_MtrNm_u8p8[4]	640
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.19999981
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-600.299988
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.0300007
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.020004
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.29999995
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_N	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnln	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.156 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.309448 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	✔

Test Step Call Trace ✔

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.3 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125997.109
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995
Prev1SclDrvVel_RadpS_M_f32	-4021.30005
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2SclDrvVel_RadpS_M_f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992
k_CmnTbarStiff_NmpDeg_f32	6.19999981
k_DmpDecelGainFSlew_UlspS_f32	400.049988
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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
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

Name	Input Value
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
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_DmpFiltKpWlRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWlRBIndY_Uls_u2p14[4]	8192
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_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
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

Name	Input Value
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]	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_RIAstWIRBlndTblY_Uls_u2p14[0]	1638
t_RIAstWIRBlndTblY_Uls_u2p14[1]	3277
t_RIAstWIRBlndTblY_Uls_u2p14[2]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[3]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[4]	8192
t_WIRBlndTblX_MtrNm_u8p8[0]	1562
t_WIRBlndTblX_MtrNm_u8p8[1]	1587
t_WIRBlndTblX_MtrNm_u8p8[2]	1613
t_WIRBlndTblX_MtrNm_u8p8[3]	1638
t_WIRBlndTblX_MtrNm_u8p8[4]	1664
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.30000019
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.01999998
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.0100002
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.30000019
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_M	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnln	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_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_l	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.313 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✔

Test Step Call Trace

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	✔
GenFddIcCmd	1	GenFddIcCmd	1	✔
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
Test Object	DriverVelCalc

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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	**Unit Test Description************************************** Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Boundary Test ✔

Specification

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

CPU Cycles:

TS1.1   329 Cycles
TS1.2   341 Cycles
TS1.3   341 Cycles
TS1.4   341 Cycles
TS1.5   341 Cycles
TS1.6   341 Cycles
TS1.7   497 Cycles
TS1.8   341 Cycles
TS1.9   329 Cycles
TS1.10  329 Cycles
TS1.11  329 Cycles
TS1.12  417 Cycles
TS1.13  329 Cycles
TS1.14  341 Cycles
TS1.15  417 Cycles
TS1.16  341 Cycles
TS1.17  397 Cycles
TS1.18  329 Cycles
TS1.19  329 Cycles
TS1.20  329 Cycles
TS1.21  427 Cycles
TS1.22  341 Cycles
TS1.23  341 Cycles
TS1.24  341 Cycles
TS1.25  341 Cycles
TS1.26  341 Cycles
TS1.27  407 Cycles
TS1.28  407 Cycles
TS1.29  341 Cycles
TS1.30  341 Cycles
TS1.31  341 Cycles
TS1.32  341 Cycles
TS1.33  329 Cycles
TS1.34  341 Cycles
TS1.35  341 Cycles
TS1.36  329 Cycles
TS1.37  341 Cycles
TS1.38  341 Cycles
TS1.39  341 Cycles
TS1.40  341 Cycles
TS1.41  341 Cycles
TS1.42  341 Cycles
TS1.43  341 Cycles
TS1.44  341 Cycles
TS1.45  341 Cycles


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Description

Test Vector Description

TS1.1All min
TS1.2All max
TS1.3HwTroque_HwNm_T_f32 = min
TS1.4HwTroque_HwNm_T_f32 = max
TS1.5HwTroque_HwNm_T_f32 = zero
TS1.6HwTroque_HwNm_T_f32 = neg
TS1.7HwTroque_HwNm_T_f32 = pos
TS1.8CRFMotorVel_MtrRadpS_T_f32 = min
TS1.9CRFMotorVel_MtrRadpS_T_f32 = max
TS1.10CRFMotorVel_MtrRadpS_T_f32 = zero
TS1.11CRFMotorVel_MtrRadpS_T_f32 = neg
TS1.12CRFMotorVel_MtrRadpS_T_f32 = pos
TS1.13VehicleSpeed_Kph_T_f32 = min
TS1.14VehicleSpeed_Kph_T_f32 = max
TS1.15VehicleSpeed_Kph_T_f32 = pos
TS1.16PrevTbarAng_HwDeg_M_f32 = min
TS1.17PrevTbarAng_HwDeg_M_f32 =max
TS1.18PrevTbarAng_HwDeg_M_f32 = zero
TS1.19PrevTbarAng_HwDeg_M_f32 = neg
TS1.20PrevTbarAng_HwDeg_M_f32 = pos
TS1.21k_CmnTbarStiff_NmpDeg_f32 = min
TS1.22k_CmnTbarStiff_NmpDeg_f32 = max
TS1.23k_CmnTbarStiff_NmpDeg_f32 = mid
TS1.24k_CmnTbarStiff_NmpDeg_f32 = default
TS1.25k_CmnSysKinRatio_MtrDegpHwDeg_f32 = min
TS1.26k_CmnSysKinRatio_MtrDegpHwDeg_f32 = max
TS1.27k_CmnSysKinRatio_MtrDegpHwDeg_f32 = mid
TS1.28k_CmnSysKinRatio_MtrDegpHwDeg_f32 = default
TS1.29t_CmnVehSpd_Kph_u9p7[12] = min
TS1.30t_CmnVehSpd_Kph_u9p7[12] = max
TS1.31t_CmnVehSpd_Kph_u9p7[12] = mid
TS1.32t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = min
TS1.33t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = max
TS1.34t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = mid
TS1.35k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = min
TS1.36k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = max/default
TS1.37k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = mid
TS1.38TbarVelFiltSv_M_str.K = min
TS1.39TbarVelFiltSv_M_str.K = max
TS1.40TbarVelFiltSv_M_str.K = mid
TS1.41TbarVelFiltSv_M_str.SV = min
TS1.42TbarVelFiltSv_M_str.SV = max
TS1.43TbarVelFiltSv_M_str.SV = zero
TS1.44TbarVelFiltSv_M_str.SV = pos
TS1.45TbarVelFiltSv_M_str.SV = neg

Test Step 1.1 (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	-6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798
VehicleSpeed_Kph_T_f32	0
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
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_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()	-0	0 ± 0.000009	✔
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1118
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	20
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
VehicleSpeed_Kph_T_f32	511.992188
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

Name	Input Value
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	Result
DriverVelCalc()	-10740.3115	-10740.3115 ± 0.09	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6794.31201	-6794.31201 ± 0.00390625	✔

Test Step Call Trace				✔
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	-8.32999992
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
VehicleSpeed_Kph_T_f32	100.019997
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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	90.4685822 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.890704095	0.890688896 ± 0.00390625	✔

Test Step Call Trace				✔
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	-100.599998
HwTorque_HwNm_T_f32	10

Name	Input Value
PrevTbarAng_HwDeg_M_f32	3.99950004
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
VehicleSpeed_Kph_T_f32	200.029999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
k_CmnTbarStiff_NmpDeg_f32	2.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
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]	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

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-80.3920822	-80.3920822 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	4	4 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.86838663	1.86839092 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.5 (Repeat Count = 1)	✔
Name	**Input Value**
CRFMotorVel_MtrRadpS_T_f32	200.199997
HwTorque_HwNm_T_f32	0
PrevTbarAng_HwDeg_M_f32	0.00999999978
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
VehicleSpeed_Kph_T_f32	300.049988
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.3999996
k_CmnTbarStiff_NmpDeg_f32	3.4000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988
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

Name	Input Value
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()	140.161072	140.161072 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.267630339	0.267630279 ± 0.00390625	✔

Test Step Call Trace				✔
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	-200.100006
HwTorque_HwNm_T_f32	-5.5
PrevTbarAng_HwDeg_M_f32	-1.22099996
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
VehicleSpeed_Kph_T_f32	400.059998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.5
k_CmnTbarStiff_NmpDeg_f32	4.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
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	-119.829552 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.22222221	-1.22222221 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.08650517	2.08651233 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.7 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	300.029999
HwTorque_HwNm_T_f32	5.19999981
PrevTbarAng_HwDeg_M_f32	0.929870009
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
VehicleSpeed_Kph_T_f32	123.07

Name	Input Value
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.5999985
k_CmnTbarStiff_NmpDeg_f32	5.5999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
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]	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	150.29483 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.928571403	0.928571403 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.02786994	2.02788019 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.8 (Repeat Count = 1)	✔
Name	**Input Value**
CRFMotorVel_MtrRadpS_T_f32	-1118
HwTorque_HwNm_T_f32	1.60000002
PrevTbarAng_HwDeg_M_f32	0.246099994
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
VehicleSpeed_Kph_T_f32	150.080002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.7999992
k_CmnTbarStiff_NmpDeg_f32	6.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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

Name	Input Value			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23			

Name	Actual Value	Expected Value		Result
DriverVelCalc()	-447.362946	-447.362915 ± 0.0009		✔
PrevTbarAng_HwDeg_M_f32	0.246153846	0.246153846 ± 0.00390625		✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.854439139	-0.854441166 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.9 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	1118	
HwTorque_HwNm_T_f32	-1.20000005	
PrevTbarAng_HwDeg_M_f32	-0.153209999	
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007	
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001	
VehicleSpeed_Kph_T_f32	16.25	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.0999985	
k_CmnTbarStiff_NmpDeg_f32	7.80000019	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012	
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	335.105347 ± 0.0009		✔
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.15384616 ± 0.00390625		✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.08251452 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.10 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	0	
HwTorque_HwNm_T_f32	2.20000005	
PrevTbarAng_HwDeg_M_f32	0.270000011	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978	
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997	
VehicleSpeed_Kph_T_f32	58.6300011	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	80.1999969	
k_CmnTbarStiff_NmpDeg_f32	8.10000038	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003	
t_CmnVehSpd_Kph_u9p7[0]	10368	

Name	Input Value
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]	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()	-1.15806818	-1.1580683 ± 0.000009	✔
PrevTbarAng_HwDeg_M_f32	0.271604925	0.271604925 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-4.41246414	-4.41246414 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.11 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-450	
HwTorque_HwNm_T_f32	-2.70000005	
PrevTbarAng_HwDeg_M_f32	-0.291999996	
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997	
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994	
VehicleSpeed_Kph_T_f32	22.5100002	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.5	
k_CmnTbarStiff_NmpDeg_f32	9.19999981	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001	
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	-47.2626114 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.29347828	-0.293478251 ± 0.00390625	✔

Name	Actual Value	Expected Value	Result
TbarVelFiltSv_M_str.SV_Uls_f32	-5.55622387	-5.55622339 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 1.12 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	400	
HwTorque_HwNm_T_f32	3.5999999	
PrevTbarAng_HwDeg_M_f32	2.3900001	
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001	
TbarVelFiltSv_M_str.K_Uls_f32	0.0254699998	
VehicleSpeed_Kph_T_f32	33.25	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.1999998	
k_CmnTbarStiff_NmpDeg_f32	1.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976	
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**	**Result**
DriverVelCalc()	360.101318	360.101318 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	2.39999986	2.4000001 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.35398781	1.35399091 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 1.13 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-300.119995	
HwTorque_HwNm_T_f32	-3.0999999	
PrevTbarAng_HwDeg_M_f32	-1.23899996	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0214499999	
VehicleSpeed_Kph_T_f32	0	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.2999992	
k_CmnTbarStiff_NmpDeg_f32	2.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012	
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	

Name	Input Value
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]	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	-239.688934 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.24000001	-1.24000001 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.30814433	2.30814505 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.14 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	699.22998	
HwTorque_HwNm_T_f32	4.19999981	
PrevTbarAng_HwDeg_M_f32	1.19099998	
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0369199999	
VehicleSpeed_Kph_T_f32	511.992188	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.5	
k_CmnTbarStiff_NmpDeg_f32	3.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99000001	
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	Result
DriverVelCalc()	693.519104	693.519104 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	1.19999993	1.20000005 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.26195955	3.26196074 ± 0.00390625	✔

Test Step Call Trace				✔
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	-500.450012
HwTorque_HwNm_T_f32	-4.5
PrevTbarAng_HwDeg_M_f32	-0.996999979
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021
TbarVelFiltSv_M_str.K_Uls_f32	0.0125799999
VehicleSpeed_Kph_T_f32	55.5200005
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4000015
k_CmnTbarStiff_NmpDeg_f32	4.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
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	-297.880005 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1	-1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.4860363	4.4860363 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.16 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	600.630005
HwTorque_HwNm_T_f32	-10
PrevTbarAng_HwDeg_M_f32	-20
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998
TbarVelFiltSv_M_str.K_Uls_f32	0.0325700007
VehicleSpeed_Kph_T_f32	17.1700001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.5999985
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

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]	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()	305.571442	305.571442 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.68316746	5.68316746 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.17 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-600.840027
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	20
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996
TbarVelFiltSv_M_str.K_Uls_f32	0.0963210016
VehicleSpeed_Kph_T_f32	27.9500008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.5
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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	Result
DriverVelCalc()	-240.374832	-240.374817 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.1408155	-2.1408155 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.18 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	150.139999
HwTorque_HwNm_T_f32	0.0500000007
PrevTbarAng_HwDeg_M_f32	0
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007
TbarVelFiltSv_M_str.K_Uls_f32	0.0478519984
VehicleSpeed_Kph_T_f32	37.0200005
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1999969
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012
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

Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.9518433 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	0.00499999989	0.00499999989 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.85488033	-2.85488033 ± 0.00390625	✔

Test Step Call Trace ✔

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	-150.619995
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-0.888999999
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978
TbarVelFiltSv_M_str.K_Uls_f32	0.235599995
VehicleSpeed_Kph_T_f32	11.0299997
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.1999969
k_CmnTbarStiff_NmpDeg_f32	8.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
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

DriverVelCalc

Name	Input Value
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
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	-30.2861061 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.882352948	-0.882352948 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.69583821	-2.69583726 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.20 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	250.240005
HwTorque_HwNm_T_f32	8.19999981
PrevTbarAng_HwDeg_M_f32	0.861000001
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997
TbarVelFiltSv_M_str.K_Uls_f32	0.347900003
VehicleSpeed_Kph_T_f32	33.0400009
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.3000031
k_CmnTbarStiff_NmpDeg_f32	9.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
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	24.7503471 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	0.863157868	0.863157868 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.36847568	-3.36847067 ± 0.00390625	✔

Test Step Call Trace ✔

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	-250.619995

Name	Input Value
HwTorque_HwNm_T_f32	-8.5
PrevTbarAng_HwDeg_M_f32	-16.9969997
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999
VehicleSpeed_Kph_T_f32	44.0499992
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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	-225.529526 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-17	-17 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.639618635	0.639647722 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	Count	**Expected Function**	Count	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.22 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	350.140015	
HwTorque_HwNm_T_f32	9.19999981	
PrevTbarAng_HwDeg_M_f32	0.91900003	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.336600006	
VehicleSpeed_Kph_T_f32	376.059998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.7999992	
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	

Name	Input Value
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()	350.286285	350.286285 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.919999957	0.920000017 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.74034667	1.74035895 ± 0.00390625	✔

Test Step Call Trace				✔
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	-350.359985
HwTorque_HwNm_T_f32	-9.21000004
PrevTbarAng_HwDeg_M_f32	-1.84099996
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001
VehicleSpeed_Kph_T_f32	265.019989
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5
k_CmnTbarStiff_NmpDeg_f32	5.25
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988
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 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.75428569	-1.75428569 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.80800867	3.80800891 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.24 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-350.359985
HwTorque_HwNm_T_f32	-9.21000004
PrevTbarAng_HwDeg_M_f32	-1.84099996
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001

Name	Input Value
VehicleSpeed_Kph_T_f32	265.019989
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5
k_CmnTbarStiff_NmpDeg_f32	2.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988
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()	-247.082855	-247.08287 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-3.68400002	-3.68400002 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-10.4574032	-10.4574041 ± 0.00390625	✔

Test Step Call Trace				✔
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	450.519989	
HwTorque_HwNm_T_f32	1.5	
PrevTbarAng_HwDeg_M_f32	1.15400004	
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021	
TbarVelFiltSv_M_str.K_Uls_f32	0.559899986	
VehicleSpeed_Kph_T_f32	187.059998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	1.29999995	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024	
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	

Name	Input Value		
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	270.322723 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.96478438	1.96479905 ± 0.00390625	✔

Test Step Call Trace					✔
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	-450.579987		
HwTorque_HwNm_T_f32	-1.5		
PrevTbarAng_HwDeg_M_f32	-0.550999999		
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998		
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999		
VehicleSpeed_Kph_T_f32	166.080002		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100		
k_CmnTbarStiff_NmpDeg_f32	2.70000005		
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	-222.182495 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555582 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.84894514	4.84894323 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 1.27 (Repeat Count = 1)			✔
Name	**Input Value**		
CRFMotorVel_MtrRadpS_T_f32	-689.690002		
HwTorque_HwNm_T_f32	2.5		
PrevTbarAng_HwDeg_M_f32	0.805000007		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996		
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995		
VehicleSpeed_Kph_T_f32	2.05999994		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	25.4500008		
k_CmnTbarStiff_NmpDeg_f32	3.0999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.889999986		

Name	Input Value
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()	-614.096802	-614.096802 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6370784	-1.63707829 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.28 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-689.690002
HwTorque_HwNm_T_f32	2.5
PrevTbarAng_HwDeg_M_f32	0.805000007
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
VehicleSpeed_Kph_T_f32	2.05999994
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22
k_CmnTbarStiff_NmpDeg_f32	3.0999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.889999986
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()	-614.059814	-614.059814 ± 0.0009	✔

Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6370784	-1.63707829 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 1.29 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-111.410004	
HwTorque_HwNm_T_f32	-2.5	
PrevTbarAng_HwDeg_M_f32	-0.518000007	
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007	
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002	
VehicleSpeed_Kph_T_f32	267.070007	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.5	
k_CmnTbarStiff_NmpDeg_f32	4.80000019	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012	
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_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	-35.2845802 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833313 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.51150656	-2.51151133 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 1.30 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	222.619995	
HwTorque_HwNm_T_f32	3.5	
PrevTbarAng_HwDeg_M_f32	0.671000004	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978	
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001	
VehicleSpeed_Kph_T_f32	510.029999	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.2000008	
k_CmnTbarStiff_NmpDeg_f32	5.19999981	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003	
t_CmnVehSpd_Kph_u9p7[0]	32640	
t_CmnVehSpd_Kph_u9p7[1]	32640	
t_CmnVehSpd_Kph_u9p7[2]	32640	
t_CmnVehSpd_Kph_u9p7[3]	32640	

Name	Input Value
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	43.5075684 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076928 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.87615919	-1.87615943 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.31 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-222.149994
HwTorque_HwNm_T_f32	-3.5
PrevTbarAng_HwDeg_M_f32	-0.513400018
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
VehicleSpeed_Kph_T_f32	467.079987
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1000004
k_CmnTbarStiff_NmpDeg_f32	6.80000019
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
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	Result
DriverVelCalc()	-23.2337227	-23.2337227 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705896 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.74100852	-2.74100995 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.32 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	333.170013
HwTorque_HwNm_T_f32	4.5
PrevTbarAng_HwDeg_M_f32	0.614000022
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
VehicleSpeed_Kph_T_f32	166.919998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5999985
k_CmnTbarStiff_NmpDeg_f32	7.30000019
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
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]	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	133.268005 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.616438329	0.616438329 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.23370099	1.23371661 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.33 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-333.619995
HwTorque_HwNm_T_f32	-4.5
PrevTbarAng_HwDeg_M_f32	-0.916999996
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001
VehicleSpeed_Kph_T_f32	10.0500002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.7999992
k_CmnTbarStiff_NmpDeg_f32	4.9000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
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

Name	Input Value
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	Result
DriverVelCalc()	-198.679001	-198.678986 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-0.918367326	-0.918367326 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.32455587 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 1.34 (Repeat Count = 1) ✓

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	444.519989
HwTorque_HwNm_T_f32	5.5
PrevTbarAng_HwDeg_M_f32	1.05599999
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
VehicleSpeed_Kph_T_f32	377.059998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5
k_CmnTbarStiff_NmpDeg_f32	5.19999981
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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	402.516144 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	1.05769229	1.05769229 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.91656208 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 1.35 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-699.630005
HwTorque_HwNm_T_f32	-5.5
PrevTbarAng_HwDeg_M_f32	-0.889999986
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
VehicleSpeed_Kph_T_f32	38.1699982
k_CmnSysKinRatio_MtrDegpHwDeg_f32	29.2000008
k_CmnTbarStiff_NmpDeg_f32	6.0999999
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
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	0.813727558 ± 0.0000009	✔
PrevTbarAng_HwDeg_M_f32	-0.901639342	-0.901639342 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.10696244	2.10696363 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.36 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	555.73999
HwTorque_HwNm_T_f32	6.5
PrevTbarAng_HwDeg_M_f32	0.829999983
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
VehicleSpeed_Kph_T_f32	1.17999995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	56.5
k_CmnTbarStiff_NmpDeg_f32	7.80000019
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

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()	559.405396	559.405457 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333313 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.36498117	4.36498165 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.37 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-555.809998
HwTorque_HwNm_T_f32	-6.5
PrevTbarAng_HwDeg_M_f32	-0.779999971
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
VehicleSpeed_Kph_T_f32	276.190002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3000002
k_CmnTbarStiff_NmpDeg_f32	8.30000019
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	-278.061462 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.783132553 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.98484313 ± 0.00390625	✔

Test Step Call Trace				✔
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	666.859985

Name	Input Value
HwTorque_HwNm_T_f32	7.5
PrevTbarAng_HwDeg_M_f32	0.799000025
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798
VehicleSpeed_Kph_T_f32	354.200012
k_CmnSysKinRatio_MtrDegpHwDeg_f32	64.4000015
k_CmnTbarStiff_NmpDeg_f32	9.30000019
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
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	331.76123 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.11539769	-3.11539769 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.39 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-666.710022	
HwTorque_HwNm_T_f32	-7.5	
PrevTbarAng_HwDeg_M_f32	-6.24900007	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978	
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	
VehicleSpeed_Kph_T_f32	254.520004	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008	
k_CmnTbarStiff_NmpDeg_f32	1.20000005	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006	
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	

Name	Input Value		
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	-267.125397 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-6.24999952	-6.25 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6527853	-1.65298176 ± 0.00390625	✔

Test Step Call Trace				✔
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	134.520004			
HwTorque_HwNm_T_f32	8.5			
PrevTbarAng_HwDeg_M_f32	3.8599999			
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997			
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981			
VehicleSpeed_Kph_T_f32	154.630005			
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.0999985			
k_CmnTbarStiff_NmpDeg_f32	2.20000005			
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012			
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**	
DriverVelCalc()	39.8233643	39.8233604 ± 0.00009	✔	
PrevTbarAng_HwDeg_M_f32	3.86363626	3.86363626 ± 0.00390625	✔	
TbarVelFiltSv_M_str.SV_Uls_f32	-1.30036688	-1.30036557 ± 0.00390625	✔	

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.41 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-463.910004	
HwTorque_HwNm_T_f32	-8.5	
PrevTbarAng_HwDeg_M_f32	-2.3499999	
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989	
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002	

Name	Input Value
VehicleSpeed_Kph_T_f32	55.2400017
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6000004
k_CmnTbarStiff_NmpDeg_f32	3.5999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
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
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	-93.6094971 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.36111116 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.26808786 ± 0.00390625	✔

Test Step Call Trace				✔
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	263.420013	
HwTorque_HwNm_T_f32	9.5	
PrevTbarAng_HwDeg_M_f32	2.25	
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989	
TbarVelFiltSv_M_str.K_Uls_f32	0.287400007	
VehicleSpeed_Kph_T_f32	444.519989	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	21.7000008	
k_CmnTbarStiff_NmpDeg_f32	4.19999981	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001	
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	

Name	Input Value		
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	27.5082283 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	2.26190495	2.26190472 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	6.46143246	6.4614048 ± 0.00390625	✔

Test Step Call Trace ✔

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	-522.630005
HwTorque_HwNm_T_f32	-9.5
PrevTbarAng_HwDeg_M_f32	-1.81900001
TbarVelFiltSv_M_str.SV_Uls_f32	0
TbarVelFiltSv_M_str.K_Uls_f32	0.0254790001
VehicleSpeed_Kph_T_f32	333.619995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	45.7999992
k_CmnTbarStiff_NmpDeg_f32	5.19999981
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
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	-470.382141 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.82692313	-1.82692313 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.10093604 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.44 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	357.25
HwTorque_HwNm_T_f32	1.56299996
PrevTbarAng_HwDeg_M_f32	0.250999987
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994
VehicleSpeed_Kph_T_f32	222.419998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	76.9000015
k_CmnTbarStiff_NmpDeg_f32	6.19999981
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012

Name	Input Value
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	288.110291 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.252096772	0.252096772 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.50824165	5.50824165 ± 0.00390625	✔

Test Step 1.45 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-464.25
HwTorque_HwNm_T_f32	-2.64499998
PrevTbarAng_HwDeg_M_f32	-0.352499992
TbarVelFiltSv_M_str.SV_Uls_f32	-5.14230013
TbarVelFiltSv_M_str.K_Uls_f32	0.024588
VehicleSpeed_Kph_T_f32	111.519997
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5
k_CmnTbarStiff_NmpDeg_f32	7.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.699999988
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	-326.341705 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666676 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-5.01791048	-5.01791 ± 0.00390625	✔

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	*************************************Unit Test Description************************************* Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_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
TS1.6    117.00 Cycles
TS1.7   115.00 Cycles
TS1.8   115.00 Cycles
TS1.9   117.00 Cycles
TS1.10  117.00 Cycles
TS1.11  118.00 Cycles
TS1.12  118.00 Cycles
TS1.13  115.00 Cycles
TS1.14  115.00 Cycles
```

Description   Test Vector Description:

TS1.1All min
TS1.2All max
TS1.3k_InrtCmp_TBarVelLPFKn_Hz_f32 = min
TS1.4k_InrtCmp_TBarVelLPFKn_Hz_f32 = max
TS1.5k_InrtCmp_TBarVelLPFKn_Hz_f32 = mid
TS1.6k_InrtCmp_TBarVelLPFKn_Hz_f32 = default
TS1.7TbarVelFiltSv_M_str.K = min
TS1.8TbarVelFiltSv_M_str.K = max
TS1.9TbarVelFiltSv_M_str.K = mid
TS1.10TbarVelFiltSv_M_str.SV = min
TS1.11TbarVelFiltSv_M_str.SV = max
TS1.12TbarVelFiltSv_M_str.SV = zero
TS1.13TbarVelFiltSv_M_str.SV = pos
TS1.14TbarVelFiltSv_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	✔

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	✔

Test Step 1.3 (Repeat Count = 1) ✔

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	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.00125586987	0.00125584798 ± 0.000125655810790826	✔

Test Step 1.4 (Repeat Count = 1) ✔

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	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	0.715390444 ± 0.000125655810790826	✔

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	4.5632
TbarVelFiltSv_M_str.K_Uls_f32	0.145229995
k_InrtCmp_TBarVelLPFKn_Hz_f32	20

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	0.222232342	0.222232327 ± 0.000125655810790826	✔

Test Step 1.7 (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	✔

Test Step 1.8 (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 1.9 (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 1.10 (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 1.11 (Repeat Count = 1) ✔

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
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 1.12 (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 1.13 (Repeat Count = 1) ✔

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 1.14 (Repeat Count = 1) ✔

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		

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	0.54833883	0.54833883 ± 0.000125655810790826	✔

TEST DETAILS REPORT

DecelGain

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	***Unit Test Description************************************* Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS1.1 320.00 Cycles TS1.2 343.00 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_DmpGainOffThresh_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	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	1.00199997 ± 0.000009	✔
PreDecelGain_Uls_M_f32	1.00199997	1.00199997 ± 0.0625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	500.679993
PreDecelGain_Uls_M_f32	127118.836
VehicleLonAccel_KphpS_T_f32	-3.0999999
k_DmpDecelGainFSlew_UlspS_f32	1700.02002
k_DmpDecelGain_Uls_f32	2.0999999
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	44.4500008
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	127118.836 ± 0.9	✔

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127118.836	127118.836 ± 0.0625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Case 2: Boundary Test ✔

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

CPU Cycles:

TS2.1   328.00 Cycles
TS2.2   334.00 Cycles
TS2.3   326.00 Cycles
TS2.4   345.00 Cycles
TS2.5   334.00 Cycles
TS2.6   344.00 Cycles
TS2.7   344.00 Cycles
TS2.8   337.00 Cycles
TS2.9   337.00 Cycles
TS2.10  326.00 Cycles
TS2.11  326.00 Cycles
TS2.12  326.00 Cycles
TS2.13  334.00 Cycles
TS2.14  344.00 Cycles
TS2.15  344.00 Cycles
TS2.16  344.00 Cycles
TS2.17  345.00 Cycles
TS2.18  345.00 Cycles
TS2.19  345.00 Cycles
TS2.20  345.00 Cycles
TS2.21  342.00 Cycles
TS2.22  345.00 Cycles
TS2.23  345.00 Cycles
TS2.24  345.00 Cycles
TS2.25  325.00 Cycles
TS2.26  334.00 Cycles
TS2.27  345.00 Cycles
TS2.28  345.00 Cycles
TS2.29  334.00 Cycles
TS2.30  345.00 Cycles
TS2.31  345.00 Cycles
TS2.32  345.00 Cycles
TS2.33  345.00 Cycles
TS2.34  345.00 Cycles
TS2.35  345.00 Cycles
TS2.36  334.00 Cycles
"
```

Description
Test Vector Description:

TS2.1All min
TS2.2All max
TS2.3VehicleLonAccel_KphpS_T_f32 = min
TS2.4VehicleLonAccel_KphpS_T_f32 = max
TS2.5VehicleLonAccel_KphpS_T_f32 = zero
TS2.6VehicleLonAccel_KphpS_T_f32 = pos
TS2.7VehicleLonAccel_KphpS_T_f32 = neg
TS2.8CRFMotorVel1_MtrRadpS_T_f32 = min
TS2.9CRFMotorVel1_MtrRadpS_T_f32 = max
TS2.10CRFMotorVel1_MtrRadpS_T_f32 = zero
TS2.11CRFMotorVel1_MtrRadpS_T_f32 = pos
TS2.12CRFMotorVel1_MtrRadpS_T_f32 = neg
TS2.13k_DmpGainOnThresh_KphpS_f32 = min
TS2.14k_DmpGainOnThresh_KphpS_f32 = max
TS2.15k_DmpGainOnThresh_KphpS_f32 = pos
TS2.16k_DmpGainOnThresh_KphpS_f32 = default
TS2.17k_DmpDecelGain_Uls_f32 = min
TS2.18k_DmpDecelGain_Uls_f32 = max
TS2.19k_DmpDecelGain_Uls_f32 = pos
TS2.20k_DmpDecelGain_Uls_f32 = default
TS2.21k_DmpGainOffThresh_KphpS_f32 = min
TS2.22k_DmpGainOffThresh_KphpS_f32 = max
TS2.23k_DmpGainOffThresh_KphpS_f32 = pos
TS2.24k_DmpGainOffThresh_KphpS_f32 = default
TS2.25PreDecelGain_Uls_M_f32 = min
TS2.26PreDecelGain_Uls_M_f32 = max
TS2.27PreDecelGain_Uls_M_f32 = pos
TS2.28t_DmpDecelGainSlewX_MtrRadpS_u11p5[6]= min
TS2.29t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = max
TS2.30t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = pos
TS2.31t_DmpDecelGainSlewY_UlspS_u13p3[6] = min
TS2.32t_DmpDecelGainSlewY_UlspS_u13p3[6] = max
TS2.33t_DmpDecelGainSlewY_UlspS_u13p3[6] = pos
TS2.34k_DmpDecelGainFSlew_UlspS_f32 = min
TS2.35k_DmpDecelGainFSlew_UlspS_f32 = max/default
TS2.36k_DmpDecelGainFSlew_UlspS_f32 = pos

Test Step 2.1 (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

Name	Input Value			
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	1 ± 0.000009		✔
PreDecelGain_Uls_M_f32	1	1 ± 0.0625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.2 (Repeat Count = 1)				✔
Name	**Input Value**			
CRFMotorVel_MtrRadpS_T_f32	1118			
PreDecelGain_Uls_M_f32	4.2949673e+009			
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	4.2949673e+009 ± 9999		✔
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	100.019997
PreDecelGain_Uls_M_f32	125487.234
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.0999999
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	125487.031 ± 0.9	✔
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.4 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.029999
PreDecelGain_Uls_M_f32	125589.211
VehicleLonAccel_KphpS_T_f32	10
k_DmpDecelGainFSlew_UlspS_f32	200.050003
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	22.25
k_DmpGainOnThresh_KphpS_f32	10.1199999
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	125588.813 ± 0.9	✔
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.5 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-100.040001
PreDecelGain_Uls_M_f32	125691.188
VehicleLonAccel_KphpS_T_f32	0
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	4.19999981
k_DmpGainOffThresh_KphpS_f32	33.3499985

Name	Input Value
k_DmpGainOnThresh_KphpS_f32	15.3199997
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	125690.586 ± 0.9	✔
PreDecelGain_Uls_M_f32	125690.586	125690.586 ± 0.0625	✔

Test Step 2.6 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-200.050003
PreDecelGain_Uls_M_f32	125793.156
VehicleLonAccel_KphpS_T_f32	5.30000019
k_DmpDecelGainFSlew_UlspS_f32	400.040009
k_DmpDecelGain_Uls_f32	6.0999999
k_DmpGainOffThresh_KphpS_f32	44.4500008
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	125792.359 ± 0.9	✔
PreDecelGain_Uls_M_f32	125792.359	125792.359 ± 0.0625	✔

Test Step 2.7 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	300.019989
PreDecelGain_Uls_M_f32	125895.133
VehicleLonAccel_KphpS_T_f32	-5.4000001
k_DmpDecelGainFSlew_UlspS_f32	500.019989
k_DmpDecelGain_Uls_f32	5.19999981
k_DmpGainOffThresh_KphpS_f32	8.21000004
k_DmpGainOnThresh_KphpS_f32	25.1200008
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	125894.133 ± 0.9	✔
PreDecelGain_Uls_M_f32	125894.133	125894.133 ± 0.0625	✔

Test Step 2.8 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118
PreDecelGain_Uls_M_f32	125997.109
VehicleLonAccel_KphpS_T_f32	-2.20000005
k_DmpDecelGainFSlew_UlspS_f32	600.039978
k_DmpDecelGain_Uls_f32	7.80000019
k_DmpGainOffThresh_KphpS_f32	16.6200008
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()	125995.906	125995.906 ± 0.9	✔
PreDecelGain_Uls_M_f32	125995.906	125995.906 ± 0.0625	✔

Test Step 2.9 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1118
PreDecelGain_Uls_M_f32	126099.086
VehicleLonAccel_KphpS_T_f32	-3.29999995
k_DmpDecelGainFSlew_UlspS_f32	700.030029
k_DmpDecelGain_Uls_f32	8.69999981
k_DmpGainOffThresh_KphpS_f32	24.2099991
k_DmpGainOnThresh_KphpS_f32	2.57999992
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	126097.688 ± 0.9	✔
PreDecelGain_Uls_M_f32	126097.688	126097.688 ± 0.0625	✔

Test Step 2.10 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	0
PreDecelGain_Uls_M_f32	126201.063
VehicleLonAccel_KphpS_T_f32	-4.0999999
k_DmpDecelGainFSlew_UlspS_f32	800.039978
k_DmpDecelGain_Uls_f32	9.19999981
k_DmpGainOffThresh_KphpS_f32	11.21
k_DmpGainOnThresh_KphpS_f32	3.21000004
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
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616

Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		

Name	Actual Value	Expected Value	Result
DecelGain()	126199.461	126199.461 ± 0.9	✓
PreDecelGain_Uls_M_f32	126199.461	126199.461 ± 0.0625	✓

Test Step 2.11 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	100.5
PreDecelGain_Uls_M_f32	126303.031
VehicleLonAccel_KphpS_T_f32	-5.5999999
k_DmpDecelGainFSlew_UlspS_f32	900.02002
k_DmpDecelGain_Uls_f32	1.10000002
k_DmpGainOffThresh_KphpS_f32	22.4099998
k_DmpGainOnThresh_KphpS_f32	4.61999989
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	126301.234 ± 0.9	✓
PreDecelGain_Uls_M_f32	126301.234	126301.234 ± 0.0625	✓

Test Step 2.12 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-100.199997
PreDecelGain_Uls_M_f32	126405.008
VehicleLonAccel_KphpS_T_f32	-6.0999999
k_DmpDecelGainFSlew_UlspS_f32	1000.01001
k_DmpDecelGain_Uls_f32	1.5
k_DmpGainOffThresh_KphpS_f32	33.3199997
k_DmpGainOnThresh_KphpS_f32	5.63999987
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	126403.008 ± 0.9	✓
PreDecelGain_Uls_M_f32	126403.008	126403.008 ± 0.0625	✓

Test Step 2.13 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.119995
PreDecelGain_Uls_M_f32	126506.984
VehicleLonAccel_KphpS_T_f32	6.19999981
k_DmpDecelGainFSlew_UlspS_f32	1100.02002
k_DmpDecelGain_Uls_f32	1.89999998

Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	44.4500008		
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	126504.781 ± 0.9	✔
PreDecelGain_Uls_M_f32	126504.781	126504.781 ± 0.0625	✔

Test Step 2.14 (Repeat Count = 1) ✔

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.309998		
PreDecelGain_Uls_M_f32	126608.961		
VehicleLonAccel_KphpS_T_f32	7.5		
k_DmpDecelGainFSlew_UlspS_f32	1200.02002		
k_DmpDecelGain_Uls_f32	2.5		
k_DmpGainOffThresh_KphpS_f32	8.61999989		
k_DmpGainOnThresh_KphpS_f32	50		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424		
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()	126606.563	126606.563 ± 0.9	✔
PreDecelGain_Uls_M_f32	126606.563	126606.563 ± 0.0625	✔

Test Step 2.15 (Repeat Count = 1) ✔

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.519989		
PreDecelGain_Uls_M_f32	126710.938		
VehicleLonAccel_KphpS_T_f32	8.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1300.02002		
k_DmpDecelGain_Uls_f32	5.5999999		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
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	126708.336 ± 0.9	✔
PreDecelGain_Uls_M_f32	126708.336	126708.336 ± 0.0625	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.519989		
PreDecelGain_Uls_M_f32	126710.938		
VehicleLonAccel_KphpS_T_f32	8.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1300.02002		
k_DmpDecelGain_Uls_f32	5.5999999		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
k_DmpGainOnThresh_KphpS_f32	10		
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	126708.336 ± 0.9	✔
PreDecelGain_Uls_M_f32	126708.336	126708.336 ± 0.0625	✔

Test Step 2.17 (Repeat Count = 1) ✔

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-300.630005		
PreDecelGain_Uls_M_f32	126812.906		
VehicleLonAccel_KphpS_T_f32	9.30000019		
k_DmpDecelGainFSlew_UlspS_f32	1400.01001		
k_DmpDecelGain_Uls_f32	1		
k_DmpGainOffThresh_KphpS_f32	24.1200008		
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	126810.109 ± 0.9	✔
PreDecelGain_Uls_M_f32	126810.109	126810.109 ± 0.0625	✔

Test Step 2.18 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	400.75
PreDecelGain_Uls_M_f32	126914.883
VehicleLonAccel_KphpS_T_f32	-1.20000005
k_DmpDecelGainFSlew_UlspS_f32	1500.04004
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	32.4099998
k_DmpGainOnThresh_KphpS_f32	22.4099998
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

Name	Input Value		
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	126911.883 ± 0.9	✔
PreDecelGain_Uls_M_f32	126911.883	126911.883 ± 0.0625	✔

Test Step 2.19 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-400.519989
PreDecelGain_Uls_M_f32	127016.859
VehicleLonAccel_KphpS_T_f32	-2.29999995
k_DmpDecelGainFSlew_UlspS_f32	1600.02002
k_DmpDecelGain_Uls_f32	5.25
k_DmpGainOffThresh_KphpS_f32	40.5200005
k_DmpGainOnThresh_KphpS_f32	33.3199997
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	127013.656 ± 0.9	✔
PreDecelGain_Uls_M_f32	127013.656	127013.656 ± 0.0625	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-400.519989
PreDecelGain_Uls_M_f32	127016.859
VehicleLonAccel_KphpS_T_f32	-2.29999995
k_DmpDecelGainFSlew_UlspS_f32	1600.02002
k_DmpDecelGain_Uls_f32	3
k_DmpGainOffThresh_KphpS_f32	40.5200005
k_DmpGainOnThresh_KphpS_f32	33.3199997
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	127013.656 ± 0.9	✔
PreDecelGain_Uls_M_f32	127013.656	127013.656 ± 0.0625	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	500.679993
PreDecelGain_Uls_M_f32	127118.836
VehicleLonAccel_KphpS_T_f32	-3.0999999
k_DmpDecelGainFSlew_UlspS_f32	1700.02002
k_DmpDecelGain_Uls_f32	2.0999999

Name	Input Value
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	44.4500008
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	127118.836 ± 0.9	✓
PreDecelGain_Uls_M_f32	127118.836	127118.836 ± 0.0625	✓

Test Step 2.22 (Repeat Count = 1) ✓

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	600.460022
PreDecelGain_Uls_M_f32	127220.813
VehicleLonAccel_KphpS_T_f32	-4.19999981
k_DmpDecelGainFSlew_UlspS_f32	1800.01001
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	50
k_DmpGainOnThresh_KphpS_f32	8.61999989
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]	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

Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.211 ± 0.9	✓
PreDecelGain_Uls_M_f32	127217.211	127217.211 ± 0.0625	✓

Test Step 2.23 (Repeat Count = 1) ✓

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	700.02002
PreDecelGain_Uls_M_f32	127322.781
VehicleLonAccel_KphpS_T_f32	-5.19999981
k_DmpDecelGainFSlew_UlspS_f32	1900.03003
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOffThresh_KphpS_f32	25.4500008
k_DmpGainOnThresh_KphpS_f32	16.2099991
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]	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()	127318.984	127318.984 ± 0.9	✓
PreDecelGain_Uls_M_f32	127318.984	127318.984 ± 0.0625	✓

Test Step 2.24 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	700.02002
PreDecelGain_Uls_M_f32	127322.781
VehicleLonAccel_KphpS_T_f32	-5.19999981
k_DmpDecelGainFSlew_UlspS_f32	1900.03003
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOffThresh_KphpS_f32	1
k_DmpGainOnThresh_KphpS_f32	16.2099991
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]	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()	127322.781	127322.781 ± 0.9	✔
PreDecelGain_Uls_M_f32	127322.781	127322.781 ± 0.0625	✔

Test Step 2.25 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	800.030029
PreDecelGain_Uls_M_f32	1
VehicleLonAccel_KphpS_T_f32	-6.5
k_DmpDecelGainFSlew_UlspS_f32	2000.06006
k_DmpDecelGain_Uls_f32	2.79999995
k_DmpGainOffThresh_KphpS_f32	11.21
k_DmpGainOnThresh_KphpS_f32	24.1200008
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	✔

Test Step 2.26 (Repeat Count = 1)   ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	900.080017
PreDecelGain_Uls_M_f32	4.2949673e+009
VehicleLonAccel_KphpS_T_f32	-7.5999999
k_DmpDecelGainFSlew_UlspS_f32	2100.02002
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	22.4099998
k_DmpGainOnThresh_KphpS_f32	32.4099998
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

Name	Input Value		
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()	4.2949673e+009	4.2949673e+009 ± 9999	✔
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625	✔

Test Step 2.27 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1000.12
PreDecelGain_Uls_M_f32	127628.711
VehicleLonAccel_KphpS_T_f32	-8.19999981
k_DmpDecelGainFSlew_UlspS_f32	2200.02002
k_DmpDecelGain_Uls_f32	3.9000001
k_DmpGainOffThresh_KphpS_f32	33.3199997
k_DmpGainOnThresh_KphpS_f32	40.5200005
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	127624.313 ± 0.9	✔
PreDecelGain_Uls_M_f32	127624.313	127624.313 ± 0.0625	✔

Test Step 2.28 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1100.26001
PreDecelGain_Uls_M_f32	127730.688
VehicleLonAccel_KphpS_T_f32	-9.19999981
k_DmpDecelGainFSlew_UlspS_f32	2300.04004
k_DmpDecelGain_Uls_f32	3.70000005
k_DmpGainOffThresh_KphpS_f32	44.4500008
k_DmpGainOnThresh_KphpS_f32	48.6199989
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	127726.086 ± 0.9	✔
PreDecelGain_Uls_M_f32	127726.086	127726.086 ± 0.0625	✔

Test Step 2.29 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-500.230011
PreDecelGain_Uls_M_f32	127832.656
VehicleLonAccel_KphpS_T_f32	1.10000002
k_DmpDecelGainFSlew_UlspS_f32	2400.08008
k_DmpDecelGain_Uls_f32	4.80000019

Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	8.61999989		
k_DmpGainOnThresh_KphpS_f32	4.21000004		
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	127827.859 ± 0.9	✓
PreDecelGain_Uls_M_f32	127827.859	127827.859 ± 0.0625	✓

Test Step 2.30 (Repeat Count = 1) ✓

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.52002		
PreDecelGain_Uls_M_f32	127934.633		
VehicleLonAccel_KphpS_T_f32	1.20000005		
k_DmpDecelGainFSlew_UlspS_f32	2500.02002		
k_DmpDecelGain_Uls_f32	5.9000001		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
k_DmpGainOnThresh_KphpS_f32	8.85000038		
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	127929.633 ± 0.9	✓
PreDecelGain_Uls_M_f32	127929.633	127929.633 ± 0.0625	✓

Test Step 2.31 (Repeat Count = 1) ✓

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-700.140015		
PreDecelGain_Uls_M_f32	128036.609		
VehicleLonAccel_KphpS_T_f32	1.60000002		
k_DmpDecelGainFSlew_UlspS_f32	2600.07007		
k_DmpDecelGain_Uls_f32	5.80000019		
k_DmpGainOffThresh_KphpS_f32	24.1200008		
k_DmpGainOnThresh_KphpS_f32	12.6099997		
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		
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	128031.406 ± 0.9	✓
PreDecelGain_Uls_M_f32	128031.406	128031.406 ± 0.0625	✓

Test Step 2.32 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-800.52002
PreDecelGain_Uls_M_f32	128138.586
VehicleLonAccel_KphpS_T_f32	1.79999995
k_DmpDecelGainFSlew_UlspS_f32	2700.03003
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	32.4099998
k_DmpGainOnThresh_KphpS_f32	16.2099991
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	128133.188 ± 0.9	✔
PreDecelGain_Uls_M_f32	128133.188	128133.188 ± 0.0625	✔

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-900.630005
PreDecelGain_Uls_M_f32	128240.563
VehicleLonAccel_KphpS_T_f32	-2.0999999
k_DmpDecelGainFSlew_UlspS_f32	2800.02002
k_DmpDecelGain_Uls_f32	6.80000019
k_DmpGainOffThresh_KphpS_f32	40.5200005
k_DmpGainOnThresh_KphpS_f32	20.6299992
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	128234.961 ± 0.9	✔
PreDecelGain_Uls_M_f32	128234.961	128234.961 ± 0.0625	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1000.25
PreDecelGain_Uls_M_f32	128342.531
VehicleLonAccel_KphpS_T_f32	-2.5
k_DmpDecelGainFSlew_UlspS_f32	1
k_DmpDecelGain_Uls_f32	6.9000001
k_DmpGainOffThresh_KphpS_f32	48.6199989
k_DmpGainOnThresh_KphpS_f32	24.1399994
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

Name	Input Value		
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	128342.531 ± 0.9	✔
PreDecelGain_Uls_M_f32	128342.531	128342.531 ± 0.0625	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1100.84998
PreDecelGain_Uls_M_f32	128444.508
VehicleLonAccel_KphpS_T_f32	-2.9000001
k_DmpDecelGainFSlew_UlspS_f32	4500
k_DmpDecelGain_Uls_f32	3.79999995
k_DmpGainOffThresh_KphpS_f32	4.21000004
k_DmpGainOnThresh_KphpS_f32	28.1800003
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]	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()	128435.508	128435.508 ± 0.9	✔
PreDecelGain_Uls_M_f32	128435.508	128435.508 ± 0.0625	✔

Test Step 2.36 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	458.619995
PreDecelGain_Uls_M_f32	128546.484
VehicleLonAccel_KphpS_T_f32	-8.10000038
k_DmpDecelGainFSlew_UlspS_f32	2500.02002
k_DmpDecelGain_Uls_f32	6.9000001
k_DmpGainOffThresh_KphpS_f32	8.85000038
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	128541.484 ± 0.9	✔
PreDecelGain_Uls_M_f32	128541.484	128541.484 ± 0.0625	✔

Test Case 3: Path Test ✔

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

CPU Cycles:

TS3.1   326.00 Cycles
TS3.2   344.00 Cycles
TS3.3   342.00 Cycles
TS3.4   320.00 Cycles
```

Description
Test Vector Description:

TS3.1   "(-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"

TS3.2   "(-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"

TS3.3 (-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOffThresh_KphpS_f32)=False

TS3.4 (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	100.019997
PreDecelGain_Uls_M_f32	125487.234
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.0999999
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	125487.031 ± 0.9	✔
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 3.2 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.029999
PreDecelGain_Uls_M_f32	125589.211
VehicleLonAccel_KphpS_T_f32	10
k_DmpDecelGainFSlew_UlspS_f32	200.050003
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	22.25
k_DmpGainOnThresh_KphpS_f32	10.1199999
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

Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		

Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.813 ± 0.9	✔
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 3.3 (Repeat Count = 1)			✔
Name	**Input Value**		
CRFMotorVel_MtrRadpS_T_f32	500.679993		
PreDecelGain_Uls_M_f32	127118.836		
VehicleLonAccel_KphpS_T_f32	-3.0999999		
k_DmpDecelGainFSlew_UlspS_f32	1700.02002		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
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	127118.836 ± 0.9	✔
PreDecelGain_Uls_M_f32	127118.836	127118.836 ± 0.0625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 3.4 (Repeat Count = 1)			✔
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		
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	1.00199997 ± 0.000009	✔
PreDecelGain_Uls_M_f32	1.00199997	1.00199997 ± 0.0625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step Call Trace				

Project	9BXX_FrqDepDmpnInrtCmp
Module	FDD_Inertia
Test Object	GenFddIcCmd

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	2
Successful	2 ✔
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_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	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I$(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

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia'	***************************************Unit Test Description************************************ Name of Tester:Jayesh Jahagirdar 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:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: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. Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note 5: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. Note 6: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 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"",""GenFddIcCmd"" 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.tpl
Target Install Path	$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS1.1 360.00 Cycles TS1.2 360.00 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	1.10000002
Prev1SclDrvVel_RadpS_M_f32	22.2000008
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	10
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186
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	-0.0245340001
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124563999
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	4.56000016e-005
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.04530001
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.32420015
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.330669165	-0.330669165 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.6598295 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2000008 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005
Prev1SclDrvVel_RadpS_M_f32	-16.6599998
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981
Prev2SclDrvVel_RadpS_M_f32	-3
ScaledDriverVel_MtrRadpS_T_f32	10.1999998
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	-0.0234500002
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.154569998
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.319999993
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.76664495
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.334564269	-0.334564179 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722	-0.738348544 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.1999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.6599998 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step Call Trace

Test Case 2: Boundary Test ✔

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

CPU Cycles:

TS2.1    360.00 Cycles
TS2.2    360.00 Cycles
TS2.3    360.00 Cycles
TS2.4    360.00 Cycles
TS2.5    360.00 Cycles
TS2.6    360.00 Cycles
TS2.7    360.00 Cycles
TS2.8    372.00 Cycles
TS2.9    360.00 Cycles
TS2.10   360.00 Cycles
TS2.11   360.00 Cycles
TS2.12   372.00 Cycles
TS2.13   372.00 Cycles
TS2.14   372.00 Cycles
TS2.15   360.00 Cycles
TS2.16   360.00 Cycles
TS2.17   360.00 Cycles
TS2.18   360.00 Cycles
TS2.19   360.00 Cycles
TS2.20   372.00 Cycles
TS2.21   372.00 Cycles
TS2.22   372.00 Cycles
TS2.23   372.00 Cycles
TS2.24   360.00 Cycles
TS2.25   360.00 Cycles
TS2.26   360.00 Cycles
TS2.27   428.00 Cycles
TS2.28   360.00 Cycles
TS2.29   360.00 Cycles
TS2.30   360.00 Cycles
TS2.31   360.00 Cycles
TS2.32   360.00 Cycles
TS2.33   360.00 Cycles
TS2.34   360.00 Cycles
TS2.35   372.00 Cycles
TS2.36   360.00 Cycles
TS2.37   360.00 Cycles
TS2.38   360.00 Cycles
TS2.39   360.00 Cycles
TS2.40   372.00 Cycles
TS2.41   372.00 Cycles
TS2.42   360.00 Cycles
TS2.43   372.00 Cycles
TS2.44   360.00 Cycles
TS2.45   360.00 Cycles
TS2.46   372.00 Cycles
TS2.47   360.00 Cycles
TS2.48   360.00 Cycles
TS2.49   360.00 Cycles
TS2.50   360.00 Cycles
TS2.51   360.00 Cycles
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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 = zero
TS2.6   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 = max
TS2.10 filtCoef_Uls_T_Str.b0_Uls_f32 = mid
TS2.11 filtCoef_Uls_T_Str.b1_Uls_f32 = min
TS2.12 filtCoef_Uls_T_Str.b1_Uls_f32 = max
TS2.13 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.14 filtCoef_Uls_T_Str.b2_Uls_f32 = min
TS2.15 filtCoef_Uls_T_Str.b2_Uls_f32= max
TS2.16 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.17 filtCoef_Uls_T_Str.a0_Uls_f32 = min
TS2.18 filtCoef_Uls_T_Str.a0_Uls_f32 = max
TS2.19 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.20 filtCoef_Uls_T_Str.a1_Uls_f32 = min
TS2.21 filtCoef_Uls_T_Str.a1_Uls_f32 = max
TS2.22 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.23 filtCoef_Uls_T_Str.a2_Uls_f32 = min
TS2.24 filtCoef_Uls_T_Str.a2_Uls_f32 = max
TS2.25 filtCoef_Uls_T_Str.a2_Uls_f32 = mid
TS2.26 Prev2SclDrvVel_RadpS_M_f32 = min
TS2.27 Prev2SclDrvVel_RadpS_M_f32 = max
TS2.28 Prev2SclDrvVel_RadpS_M_f32 = zero
TS2.29 Prev2SclDrvVel_RadpS_M_f32 = neg
TS2.30 Prev2SclDrvVel_RadpS_M_f32 = pos
TS2.31 Prev1SclDrvVel_RadpS_M_f32 = min
TS2.32 Prev1SclDrvVel_RadpS_M_f32 = max
TS2.33 Prev1SclDrvVel_RadpS_M_f32 = zero
TS2.34 Prev1SclDrvVel_RadpS_M_f32 = neg
TS2.35 Prev1SclDrvVel_RadpS_M_f32 = pos
TS2.36 Prev1PreAttnComp_MtrNm_M_f32 = min
TS2.37 Prev1PreAttnComp_MtrNm_M_f32 = max
TS2.38 Prev1PreAttnComp_MtrNm_M_f32 = zero
TS2.39 Prev1PreAttnComp_MtrNm_M_f32 = neg
TS2.40 Prev1PreAttnComp_MtrNm_M_f32 = pos
TS2.41 Prev2PreAttnComp_MtrNm_M_f32 = min
TS2.42 Prev2PreAttnComp_MtrNm_M_f32 = max
TS2.43 Prev2PreAttnComp_MtrNm_M_f32 = zero
TS2.44 Prev2PreAttnComp_MtrNm_M_f32 = neg
TS2.45 Prev2PreAttnComp_MtrNm_M_f32 = pos
TS2.46 t_FDD_AttenTblX_MtrRadpS_u12p4[2] = min
TS2.47 t_FDD_AttenTblX_MtrRadpS_u12p4[2] = max
TS2.48 t_FDD_AttenTblX_MtrRadpS_u12p4[2] = mid
TS2.49 t_FDD_AttenTblY_Uls_u8p8[2] = min
TS2.50 t_FDD_AttenTblY_Uls_u8p8[2] = max
TS2.51 t_FDD_AttenTblY_Uls_u8p8[2] = mid

Test Step 2.1 (Repeat Count = 1)   ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019
Prev1SclDrvVel_RadpS_M_f32	-12917.2998
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019
Prev2SclDrvVel_RadpS_M_f32	-12917.2998
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186
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	-2.74156213
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588522
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042362

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0	0 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	9012.61621	9012.61719 ± 0.009	✔
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	✔

Test Step Call Trace   ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.2 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	8.80000019
Prev1SclDrvVel_RadpS_M_f32	12917.2998
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	12917.2998
ScaledDriverVel_MtrRadpS_T_f32	7226.65186
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	0.330448002
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111398
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989228
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.84172678
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	2046.13135	2046.13159 ± 0.009	✓
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.13159 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.65186 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.80000019 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.2998 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 2.3 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	22.2000008
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	10
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186
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	-0.0245340001
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124563999
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	4.56000016e-005
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.04530001
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.32420015
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.330669165	-0.330669165 ± 0.0000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.6598295 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2000008 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 2.4 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002
Prev1SclDrvVel_RadpS_M_f32	-4.21000004
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019
Prev2SclDrvVel_RadpS_M_f32	-2
ScaledDriverVel_MtrRadpS_T_f32	7226.65186
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	-0.0331999995
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.134560004
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534499995
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45674992
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654011
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.75764513

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.509668887	0.509668827 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.91875339 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.65186 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21000004 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.5 (Repeat Count = 1)		✔
Name	**Input Value**	
Prev1PreAttnComp_MtrNm_M_f32	6.5999999	
Prev1SclDrvVel_RadpS_M_f32	26.1000004	
Prev2PreAttnComp_MtrNm_M_f32	8.30000019	
Prev2SclDrvVel_RadpS_M_f32	17.0300007	
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	-0.00636299979	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.257400006	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00144999998	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.78980017	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.85340023	

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.782138526	0.782138526 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.55215085 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1000004 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.6 (Repeat Count = 1)		✔
Name	**Input Value**	
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005	
Prev1SclDrvVel_RadpS_M_f32	-16.6599998	
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981	
Prev2SclDrvVel_RadpS_M_f32	-3	
ScaledDriverVel_MtrRadpS_T_f32	10.1999998	
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	-0.0234500002	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.154569998	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.10000002	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.76664495	

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0.157648206	0.157648295 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	0.347913265	0.347913474 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.1999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.6599998 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.7 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	3.29999995			
Prev1SclDrvVel_RadpS_M_f32	26.4500008			
Prev2PreAttnComp_MtrNm_M_f32	5.19999981			
Prev2SclDrvVel_RadpS_M_f32	17.1200008			
ScaledDriverVel_MtrRadpS_T_f32	-10.3000002			
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	-0.0312300008			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.168779999			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.20000005			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.27867007			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234009			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452002			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	-1.8318522	-1.83185208 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	-3.25662613	-3.25662589 ± 0.000009		✔
Prev1SclDrvVel_RadpS_M_f32	-10.3000002	-10.3000002 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.29999995 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	26.4500008	26.4500008 ± 0.00390625		✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.8 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995			
Prev1SclDrvVel_RadpS_M_f32	-4.21000004			
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995			
Prev2SclDrvVel_RadpS_M_f32	-33.3199997			
ScaledDriverVel_MtrRadpS_T_f32	2562.6001			
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	-2.74156213			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175633997			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.79999995			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1675601			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77452993			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	470.300568	470.300568 ± 0.0009		✔
Prev1PreAttnComp_MtrNm_M_f32	691.936462	691.936462 ± 0.0009		✔
Prev1SclDrvVel_RadpS_M_f32	2562.6001	2562.6001 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21000004 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.9 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	4.4000001			
Prev1SclDrvVel_RadpS_M_f32	1234.56006			
Prev2PreAttnComp_MtrNm_M_f32	2.29999995			
Prev2SclDrvVel_RadpS_M_f32	4678.14014			
ScaledDriverVel_MtrRadpS_T_f32	-2.79999995			
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	0.184533998			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.89999998			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453003			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53499985			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.45234489			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	21.4257507	21.4257526 ± 0.00009		✔
Prev1PreAttnComp_MtrNm_M_f32	25.1605148	25.1605167 ± 0.00009		✔
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.79999995 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	1234.56006	1234.56006 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.10 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	-4.4000001			
Prev1SclDrvVel_RadpS_M_f32	-27.5499992			
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005			
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	-0.00346700009			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.194564506			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.899999976			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.82342291			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78986979			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.63450003			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	-0.823069274	-0.823069274 ± 0.0000009		✔
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.34453535 ± 0.000009		✔
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4000001 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-27.5499992	-27.5499992 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.11 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	5.5
Prev1SclDrvVel_RadpS_M_f32	6789.56494
Prev2PreAttnComp_MtrNm_M_f32	1.70000005
Prev2SclDrvVel_RadpS_M_f32	5322.14014
ScaledDriverVel_MtrRadpS_T_f32	-3.9000001
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	-0.00435299985
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00164559996
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72340012
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.6456399
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.3656702

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.0503453612	0.0503453724 ± 0.00000009	✓
Prev1PreAttnComp_MtrNm_M_f32	0.165236056	0.165236101 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	-3.9000001	-3.9000001 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	6789.56494	6789.56494 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 2.12 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-5.5
Prev1SclDrvVel_RadpS_M_f32	-37.1500015
Prev2PreAttnComp_MtrNm_M_f32	-8.30000019
Prev2SclDrvVel_RadpS_M_f32	-42.0200005
ScaledDriverVel_MtrRadpS_T_f32	1444.09998
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	-0.0054560001
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00176699995
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.65673995
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.94645023

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.619547307	-0.619547248 ± 0.0000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-1.45508361	-1.45508349 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	1444.09998	1444.09998 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.1500015 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 2.13 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	6.5999999
Prev1SclDrvVel_RadpS_M_f32	26.1000004
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2SclDrvVel_RadpS_M_f32	17.0300007
ScaledDriverVel_MtrRadpS_T_f32	-2234.69995
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	-0.00636299979		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.257400006		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00144999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.78980017		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.85340023		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0.625984669	0.625984728 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.22329831	1.22329831 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-2234.69995	-2234.69995 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1000004 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.14 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999		
Prev1SclDrvVel_RadpS_M_f32	-33.0999985		
Prev2PreAttnComp_MtrNm_M_f32	-7.5		
Prev2SclDrvVel_RadpS_M_f32	-22.0400009		
ScaledDriverVel_MtrRadpS_T_f32	1555.59998		
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_Uls_T_Str.b0_Uls_f32	-0.00745745003		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.245399997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524017		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.25399971		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-18.191328	-18.191328 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.9253426 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.59998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-33.0999985	-33.0999985 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.15 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	7.69999981		
Prev1SclDrvVel_RadpS_M_f32	18		
Prev2PreAttnComp_MtrNm_M_f32	7.5		
Prev2SclDrvVel_RadpS_M_f32	28.0100002		
ScaledDriverVel_MtrRadpS_T_f32	-5.80000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_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	-0.00863999967		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.315450013		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111398		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.34540009		

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.63530016		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432026		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.29496682	1.29496706 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.81153858 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-5.80000019	-5.80000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18	18 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.16 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	-7.69999981		
Prev1SclDrvVel_RadpS_M_f32	-28.0200005		
Prev2PreAttnComp_MtrNm_M_f32	-6.5		
Prev2SclDrvVel_RadpS_M_f32	-27		
ScaledDriverVel_MtrRadpS_T_f32	6.19999981		
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	-0.00958499964		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.325540006		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.149599999		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23453498		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.63445282		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435009		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-3.82750082	-3.82750082 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-4.26017475	-4.26017475 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	6.19999981	6.19999981 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-28.0200005	-28.0200005 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.17 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1SclDrvVel_RadpS_M_f32	24.0599995		
Prev2PreAttnComp_MtrNm_M_f32	6.5		
Prev2SclDrvVel_RadpS_M_f32	32.5600014		
ScaledDriverVel_MtrRadpS_T_f32	-6.30000019		
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	-0.00365000009		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.267450005		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	6.45600012e-005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588522		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.45639992		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.13453388		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.371916622	0.371916652 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.34099519	1.34099519 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-6.30000019	-6.30000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	24.0599995	24.0599995 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.18 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	-1.5			
Prev1SclDrvVel_RadpS_M_f32	-16.0499992			
Prev2PreAttnComp_MtrNm_M_f32	-4.5			
Prev2SclDrvVel_RadpS_M_f32	-25.25			
ScaledDriverVel_MtrRadpS_T_f32	7.4000001			
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	-0.0142299999			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.273440003			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145340001			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989228			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45349979			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564018			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	0.164055958	0.164056018 ± 0.0000009		✔
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009		✔
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4000001 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-16.0499992	-16.0499992 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.19 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	2.5			
Prev1SclDrvVel_RadpS_M_f32	100.040001			
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	-0.0234200004			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745000027			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45372295			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53450012			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534016			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	1.44737673	1.44737673 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024962 ± 0.000009		✔
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	100.040001 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.20 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-69.4000015
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2SclDrvVel_RadpS_M_f32	-59.6500015
ScaledDriverVel_MtrRadpS_T_f32	1500.02002
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	-0.0345200002
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534529972
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.634500027
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.84563017

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.45213747	-2.45213771 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.51616716 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02002 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-69.4000015	-69.4000015 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.21 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-3.5
Prev1SclDrvVel_RadpS_M_f32	-49.6500015
Prev2PreAttnComp_MtrNm_M_f32	-2.4000001
Prev2SclDrvVel_RadpS_M_f32	-36.5
ScaledDriverVel_MtrRadpS_T_f32	2500.06006
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	-0.0434530005
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.294499993
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135000004
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.734529972
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.84172678
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.23250008

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.778024733	-0.778024733 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-3.01779294	-3.01779294 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	2500.06006	2500.06006 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-49.6500015	-49.6500015 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.22 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	22.5400009
Prev2PreAttnComp_MtrNm_M_f32	2.4000001
Prev2SclDrvVel_RadpS_M_f32	11
ScaledDriverVel_MtrRadpS_T_f32	-2500.08008
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	-0.0534199998
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.303600013
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000423399993
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.845555007
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5474
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34200001

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	2.5159831	2.5159831 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	3.37220788	3.37220788 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-2500.08008	-2500.08008 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.5400009	22.5400009 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.23 (Repeat Count = 1)   ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1SclDrvVel_RadpS_M_f32	-48.5400009
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002
Prev2SclDrvVel_RadpS_M_f32	-38.5400009
ScaledDriverVel_MtrRadpS_T_f32	3500.06006
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	-0.0112300003
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305640012
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234530002
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.954639971
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.34534502
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042362

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-9.47003937	-9.47003937 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.1436405 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06006 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.5400009 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.24 (Repeat Count = 1)   ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.649994
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2SclDrvVel_RadpS_M_f32	175
ScaledDriverVel_MtrRadpS_T_f32	-3.01999998
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	-0.0212299991
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.315640002
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.0999999
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05677998

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53454018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852		
Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.37899768	1.37899768 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	7.20455933	7.20455933 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-3.01999998	-3.01999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	163.649994	163.649994 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	Count	Expected Function		Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.25 (Repeat Count = 1)			✔
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1SclDrvVel_RadpS_M_f32	-90.3600006		
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038		
Prev2SclDrvVel_RadpS_M_f32	-120.230003		
ScaledDriverVel_MtrRadpS_T_f32	4.0999999		
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	-0.0323400013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.324499995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.29999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.13450003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584017		
Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.11698532	-2.11698532 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.33766556 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	4.0999999	4.0999999 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.3600006 ± 0.00390625	✔

Test Step Call Trace					✔
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	100.040001		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	-12917.2998		
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	-0.0234200004		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745000027		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45372295		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53450012		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534016		
Name	Actual Value	Expected Value	Result
GenFddIcCmd()	16.6205254	16.6205254 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	37.3232841	37.323288 ± 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	100.040001 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.27 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	-7.5		
Prev1SclDrvVel_RadpS_M_f32	250.449997		
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981		
Prev2SclDrvVel_RadpS_M_f32	12917.2998		
ScaledDriverVel_MtrRadpS_T_f32	-39.0699997		
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	-0.00553400023		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.258560002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.64999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.73400021		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.24564505		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-11.8644609	-11.86446 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	-26.1836376	-26.1836376 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-39.0699997	-39.0699997 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	250.449997	250.449997 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.28 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	8.5		
Prev1SclDrvVel_RadpS_M_f32	5000.6499		
Prev2PreAttnComp_MtrNm_M_f32	7.69999981		
Prev2SclDrvVel_RadpS_M_f32	0		
ScaledDriverVel_MtrRadpS_T_f32	6075.08984		
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	-0.00633999985		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346008		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.349999994		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.47860003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764004		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.36499977		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	452.265015	452.264984 ± 0.0009	✔
Prev1PreAttnComp_MtrNm_M_f32	793.012634	793.012573 ± 0.0009	✔
Prev1SclDrvVel_RadpS_M_f32	6075.08984	6075.08984 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	5000.6499	5000.6499 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.29 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-8.5
Prev1SclDrvVel_RadpS_M_f32	-26.6499996
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999
Prev2SclDrvVel_RadpS_M_f32	-10.1199999
ScaledDriverVel_MtrRadpS_T_f32	6.01999998
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	-0.00633999985
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268566996
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.239999995
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.57679999
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.00045586
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.47660017

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-5.66504765	-5.66504812 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.43169975 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	6.01999998	6.01999998 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-26.6499996	-26.6499996 ± 0.00390625	✓

Test Step Call Trace ✓

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	1.29999995
Prev1SclDrvVel_RadpS_M_f32	18.6000004
Prev2PreAttnComp_MtrNm_M_f32	6.5999999
Prev2SclDrvVel_RadpS_M_f32	10.25
ScaledDriverVel_MtrRadpS_T_f32	-6.05999994
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	-0.00744999992
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.274430007
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.388999999
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65674996
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456003
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57685995

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.33675155	-0.336751729 ± 0.0000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	-6.05999994	-6.05999994 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.6000004	18.6000004 ± 0.00390625	✓

Test Step Call Trace ✓

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

Test Step 2.31 (Repeat Count = 1) ✓

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.29999995
Prev1SclDrvVel_RadpS_M_f32	-12917.2998
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2SclDrvVel_RadpS_M_f32	-900.359985
ScaledDriverVel_MtrRadpS_T_f32	-4.01999998
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

TEST DETAILS REPORT

GenFddIcCmd

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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	-0.00844999962		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000563999987		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.779999971		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453002		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.67859983		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0.722379088	0.722378969 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.93538117 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-4.01999998	-4.01999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.32 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.29999995		
Prev1SclDrvVel_RadpS_M_f32	12917.2998		
Prev2PreAttnComp_MtrNm_M_f32	5.5		
Prev2SclDrvVel_RadpS_M_f32	-2000.09998		
ScaledDriverVel_MtrRadpS_T_f32	-1.04999995		
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	-0.00944999978		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000653999974		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.01999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.84529996		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.87345314		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.15644979		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	1.61534405	1.61534405 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	5.30164194	5.30164194 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-1.04999995	-1.04999995 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.29999995	2.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.2998 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.33 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.29999995		
Prev1SclDrvVel_RadpS_M_f32	0		
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001		
Prev2SclDrvVel_RadpS_M_f32	3000		
ScaledDriverVel_MtrRadpS_T_f32	2.05999994		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_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	-0.0132400002		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305599988		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32000005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454		

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53399992		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7456398		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.96688271	-2.96688247 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.16530085 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	2.05999994	2.05999994 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995	-2.29999995 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.34 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	3.4000001		
Prev1SclDrvVel_RadpS_M_f32	-2000.02002		
Prev2PreAttnComp_MtrNm_M_f32	4.4000001		
Prev2SclDrvVel_RadpS_M_f32	-3000.3999		
ScaledDriverVel_MtrRadpS_T_f32	-2.04999995		
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	-0.0223399997		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00467800023		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00185759994		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.04563999		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3453002		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84533978		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	6.05533695	6.05533695 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	12.0167923	12.0167923 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-2.04999995	-2.04999995 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	3.4000001	3.4000001 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-2000.02002	-2000.02002 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔

Test Step 2.35 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.4000001		
Prev1SclDrvVel_RadpS_M_f32	2000.03003		
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995		
Prev2SclDrvVel_RadpS_M_f32	4000.6001		
ScaledDriverVel_MtrRadpS_T_f32	-350.019989		
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	-0.0323400013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0478399992		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00164499995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.1456399		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453002		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.93450022		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-4.80776691	-4.80776644 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-7.64464808	-7.64464712 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-350.019989	-350.019989 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.4000001	-3.4000001 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2000.03003	2000.03003 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.36 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019		
Prev1SclDrvVel_RadpS_M_f32	-1000.40002		
Prev2PreAttnComp_MtrNm_M_f32	-5.5		
Prev2SclDrvVel_RadpS_M_f32	-7500.6001		
ScaledDriverVel_MtrRadpS_T_f32	-3.04999995		
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	-0.0445640013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32554999		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00234199991		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24539995		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53453016		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.34229994		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-3.7178309	-3.71783352 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.20090389 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.04999995 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1000.40002	-1000.40002 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.37 (Repeat Count = 1)			✔
Name	**Input Value**		
Prev1PreAttnComp_MtrNm_M_f32	8.80000019		
Prev1SclDrvVel_RadpS_M_f32	980.599976		
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005		
Prev2SclDrvVel_RadpS_M_f32	6500.8501		
ScaledDriverVel_MtrRadpS_T_f32	4.05000019		
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	-0.0535340011		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330264002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00252350001		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.36750007		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.13453007		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	5.50454187	5.5045433 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	6.12679434	6.12679625 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	4.05000019	4.05000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.80000019 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	980.599976	980.599976 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.38 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	0
Prev1SclDrvVel_RadpS_M_f32	-1000
Prev2PreAttnComp_MtrNm_M_f32	2.20000005
Prev2SclDrvVel_RadpS_M_f32	-5000.41016
ScaledDriverVel_MtrRadpS_T_f32	-4.80000019
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	-0.0423419997
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.275660008
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00153500005
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45600009
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564018
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42341995

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.99402881	-2.99402905 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.795372 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-4.80000019	-4.80000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.39 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-5.25
Prev1SclDrvVel_RadpS_M_f32	1500.05005
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002
Prev2SclDrvVel_RadpS_M_f32	6000.68994
ScaledDriverVel_MtrRadpS_T_f32	5.9000001
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	-0.0534529984
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284563988
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00123419997
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56574988
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32785988
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.25640011

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	4.06544733	4.06544781 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017981 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	5.9000001	5.9000001 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	1500.05005	1500.05005 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.40 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	5.25
Prev1SclDrvVel_RadpS_M_f32	2500.06006
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2SclDrvVel_RadpS_M_f32	9000.4502
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	-0.0132400002
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0006345
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.67860007
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.31230021
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.55639982

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	45.0379448	45.037941 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	99.3940811	99.3940735 ± 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	2500.06006 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.41 (Repeat Count = 1)   ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	4.5999999
Prev1SclDrvVel_RadpS_M_f32	-1500.06006
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019
Prev2SclDrvVel_RadpS_M_f32	-9000.11035
ScaledDriverVel_MtrRadpS_T_f32	1646.69995
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	-0.00630000001
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.113449998
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234000006
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.77649999
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.34533978
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.73522997

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-4.42373562	-4.4237361 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.14731216 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.69995 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5999999	4.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1500.06006	-1500.06006 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.42 (Repeat Count = 1)   ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-4.5999999
Prev1SclDrvVel_RadpS_M_f32	600.070007
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	9900.65039
ScaledDriverVel_MtrRadpS_T_f32	-6.80000019
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	-0.00744999992
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.156450003
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84563994

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.43419981		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.84499979		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-1.46749699	-1.46749687 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316195 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-6.80000019	-6.80000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.5999999 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	600.070007	600.070007 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.43 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.69999981		
Prev1SclDrvVel_RadpS_M_f32	5000		
Prev2PreAttnComp_MtrNm_M_f32	0		
Prev2SclDrvVel_RadpS_M_f32	8000.6499		
ScaledDriverVel_MtrRadpS_T_f32	2412.05005		
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	-0.0234200004		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00123399997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000243779999		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93452978		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-14.621316	-14.621316 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565	-19.5971565 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	2412.05005	2412.05005 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.69999981	5.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	5000	5000 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.44 (Repeat Count = 1) ✔

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.69999981		
Prev1SclDrvVel_RadpS_M_f32	-9000.01465		
Prev2PreAttnComp_MtrNm_M_f32	-5.25		
Prev2SclDrvVel_RadpS_M_f32	-6000.12012		
ScaledDriverVel_MtrRadpS_T_f32	-23.0200005		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_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	-0.0323400013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0155999996		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.360000014		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.06739998		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45834923		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.14300013		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	3.19451404	3.19450998 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	3.45061421	3.45060992 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-23.0200005	-23.0200005 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.69999981	-5.69999981 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-9000.01465	-9000.01465 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.45 (Repeat Count = 1)				✔
Name	**Input Value**			
Prev1PreAttnComp_MtrNm_M_f32	6.80000019			
Prev1SclDrvVel_RadpS_M_f32	600.090027			
Prev2PreAttnComp_MtrNm_M_f32	5.25			
Prev2SclDrvVel_RadpS_M_f32	9000.62012			
ScaledDriverVel_MtrRadpS_T_f32	34.0600014			
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	-0.00645000022			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167769998			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.540000021			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1456399			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.86493492			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.7456398			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	9.78774643	9.78774548 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.894187 ± 0.00009		✔
Prev1SclDrvVel_RadpS_M_f32	34.0600014	34.0600014 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.80000019 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	600.090027	600.090027 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
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			
Prev1SclDrvVel_RadpS_M_f32	-400.049988			
Prev2PreAttnComp_MtrNm_M_f32	6.80000019			
Prev2SclDrvVel_RadpS_M_f32	-7235.12012			
ScaledDriverVel_MtrRadpS_T_f32	45.0600014			
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	-0.00553400023			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.273440003			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000533999992			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234009			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	-2.39375806	-2.3937583 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886	-8.28110981 ± 0.000009		✔
Prev1SclDrvVel_RadpS_M_f32	45.0600014	45.0600014 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-400.049988	-400.049988 ± 0.00390625		✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.47 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-1.5
Prev1SclDrvVel_RadpS_M_f32	289.649994
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981
Prev2SclDrvVel_RadpS_M_f32	8563.2998
ScaledDriverVel_MtrRadpS_T_f32	-4.05000019
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	-0.00633999985
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.140000001
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.47860003
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.75764513

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.24506903	1.24506915 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.70625234 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05000019 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	289.649994	289.649994 ± 0.00390625	✔

Test Step Call Trace ✔

Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✔

Test Step 2.48 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	2.5
Prev1SclDrvVel_RadpS_M_f32	-150
Prev2PreAttnComp_MtrNm_M_f32	5.19999981
Prev2SclDrvVel_RadpS_M_f32	-9358.2002
ScaledDriverVel_MtrRadpS_T_f32	5266.06006
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	-0.00633999985
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25999999
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.57679999
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53499985
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.45629978

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	74.4717255	74.4717255 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	164.351395	164.351395 ± 0.0009	✔
Prev1SclDrvVel_RadpS_M_f32	5266.06006	5266.06006 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-150	-150 ± 0.00390625	✔

Test Step Call Trace ✔

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	-2341.03003
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2SclDrvVel_RadpS_M_f32	9782.2002
ScaledDriverVel_MtrRadpS_T_f32	4585.02002
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	-0.00744999992		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.294499993		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.379999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65674996		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78986979		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0	0 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	132.005234	132.005234 ± 0.0009	✔
Prev1SclDrvVel_RadpS_M_f32	4585.02002	4585.02002 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-2341.03003	-2341.03003 ± 0.00390625	✔

Test Step Call Trace				✔
Actual Function	**Count**	**Expected Function**	**Count**	**Result**
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		
Prev1SclDrvVel_RadpS_M_f32	500.011993		
Prev2PreAttnComp_MtrNm_M_f32	2.29999995		
Prev2SclDrvVel_RadpS_M_f32	12000		
ScaledDriverVel_MtrRadpS_T_f32	3.01999998		
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	-0.00844999962		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.303600013		
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	-5.6456399		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452002		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	4.95908308	4.9590807 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.9590807 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	3.01999998	3.01999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	500.011993	500.011993 ± 0.00390625	✔

Test Step Call Trace				✔
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	385.032013	
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005	
Prev2SclDrvVel_RadpS_M_f32	-10712.3203	
ScaledDriverVel_MtrRadpS_T_f32	-7.01999998	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_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	-0.00944999978	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305640012	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.620000005	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.84529996	

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77452993		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	8.95816231	8.95816231 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	36.4014206	36.4014206 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-7.01999998	-7.01999998 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	385.032013	385.032013 ± 0.00390625	✔

Test Step Call Trace					✔
Actual Function	**Count**	**Expected Function**		**Count**	**Result**
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt		1	✔