Summary

Total Test Objects:	7
Successful:	7
Failed:	0
Not Executed:	0
Date:	2014-09-19
Time:	17:00:04+0530

Overall Test Object Results (including Coverage)

- OK — 7
- Not Executed — 0
- Not OK — 0
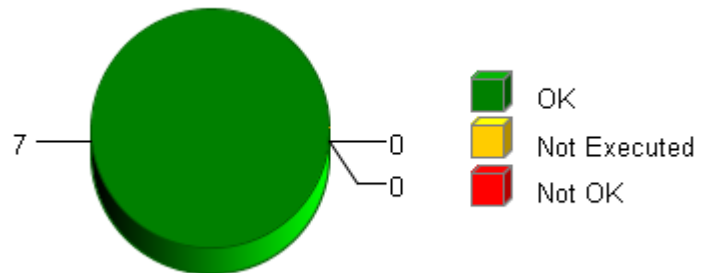
Selected Project Items

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

## Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

|	
Check Interface:	No
Generate Driver:	Yes
Execute Test:	Yes
Create New Test Run:	No
Instrumentation:	Test Object Only
Coverage:	Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition / Decision Coverage, Multiple Condition Coverage

Test Case Results for Each Test Object (without Coverage)
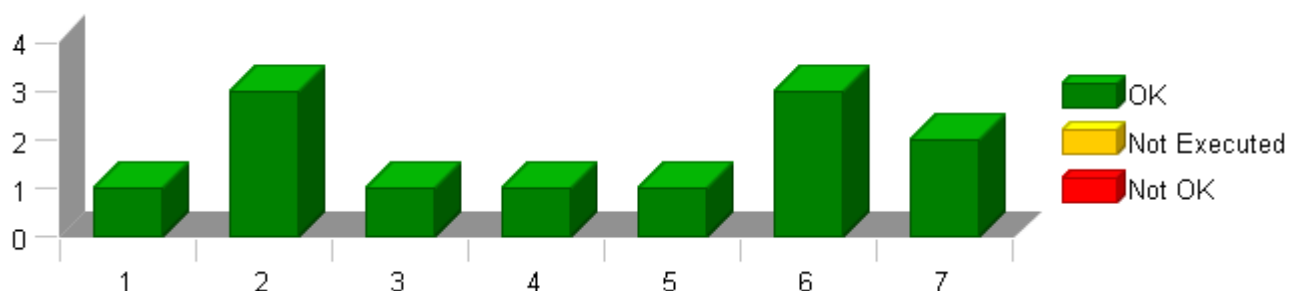
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results

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

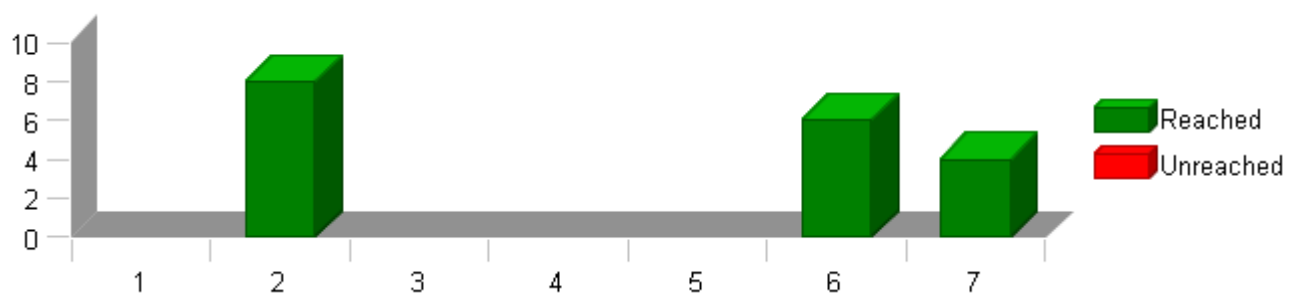## Statement (C0) Coverage: Total Statements for Each Test Object
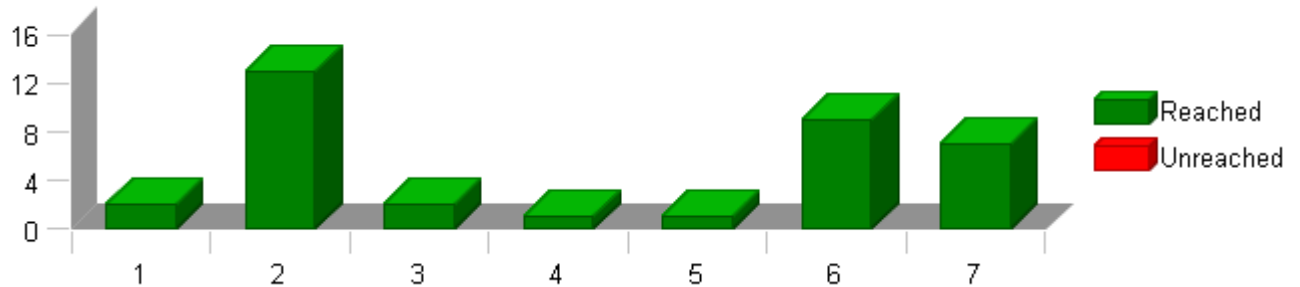
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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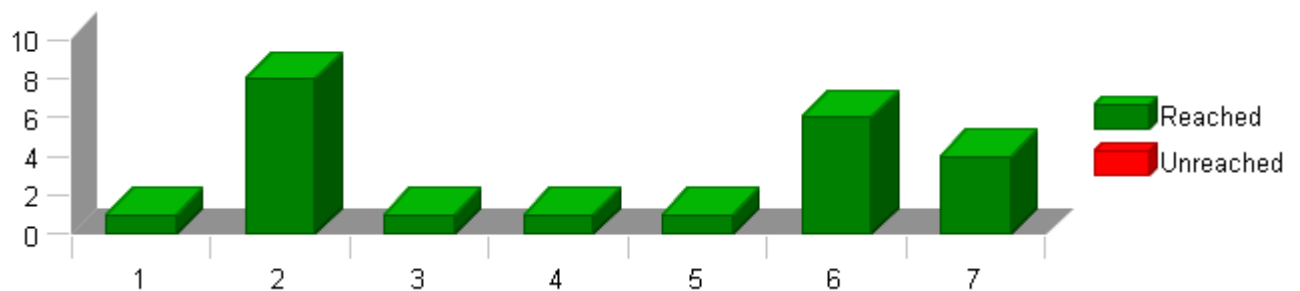
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.
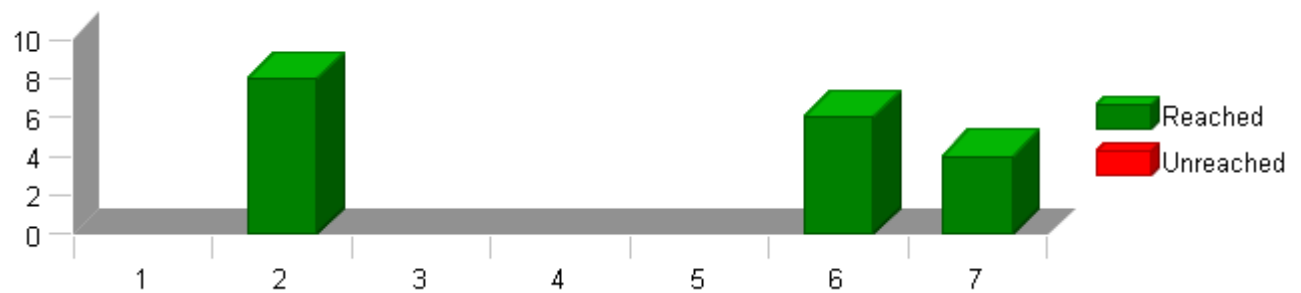
Decision Coverage: Total Decision Outcomes for Each Test Object

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

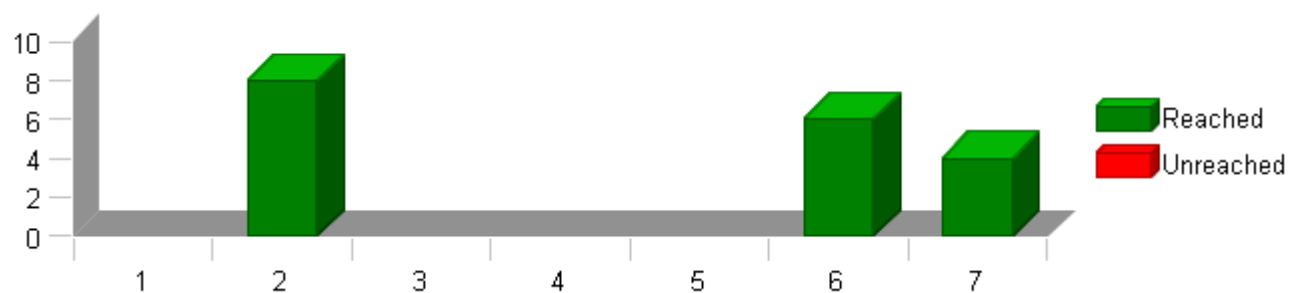Each bar is divided into reached and unreached decision outcomes.

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

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

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

MCC Coverage: Total Condition Combinations for Each Test Object

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

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

Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
	FDD_Inertia_FLTINJ	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	✔
1	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	FDD_Inertia
Module	FDD_Inertia_FLTINJ
Test Object	DecelGain

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	*************************************Unit Test Description************************************* Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS1.1 326.00 Cycles TS1.2 346.00 Cycles
Description	Test Vector Description: TS1.1 "Shortest Execution Path: (-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32)=True (RawDecelGain_Uls_T_f32>=(D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32)=True" TS1.2 "Longest Execution Path: (-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32)=False (-VehicleLonAccel_KphpS_T_f32 < k_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	1.002 ± 0.000009	✔
PreDecelGain_Uls_M_f32	1.00199997	1.002 ± 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	500.68
PreDecelGain_Uls_M_f32	127118.835
VehicleLonAccel_KphpS_T_f32	-3.1
k_DmpDecelGainFSlew_UlspS_f32	1700.02
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	44.45
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488

Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	✔

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 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: Path test	✓

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

Test Step 2.1 (Repeat Count = 1)	✓

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	100.02
PreDecelGain_Uls_M_f32	125487.235
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	11.5
k_DmpGainOnThresh_KphpS_f32	5.25
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448

Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.035 ± 0.9	✓
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	✓

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	200.03
PreDecelGain_Uls_M_f32	125589.21
VehicleLonAccel_KphpS_T_f32	10
k_DmpDecelGainFSlew_UlspS_f32	200.05
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	22.25
k_DmpGainOnThresh_KphpS_f32	10.12
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872

Name	Input Value
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448

Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.8099 ± 0.9	✓
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	✓

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	500.68
PreDecelGain_Uls_M_f32	127118.835
VehicleLonAccel_KphpS_T_f32	-3.1
k_DmpDecelGainFSlew_UlspS_f32	1700.02
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	44.45
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488

Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	✓
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 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	-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

Name	Input Value
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8

Name	Actual Value	Expected Value	Result
DecelGain()	1.00199997	1.002 ± 0.000009	✔
PreDecelGain_Uls_M_f32	1.00199997	1.002 ± 0.0625	✔

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

Test Case 3: Boundary Test ✔

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

CPU Cycles:

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

Description — Test Vector Description:

TS3.1 All min
TS3.2 All max
TS3.3 VehicleLonAccel_KphpS_T_f32 = min
TS3.4 VehicleLonAccel_KphpS_T_f32 = max
TS3.5 VehicleLonAccel_KphpS_T_f32 = zero
TS3.6 VehicleLonAccel_KphpS_T_f32 = pos
TS3.7 VehicleLonAccel_KphpS_T_f32 = neg
TS3.8 CRFMotorVel1_MtrRadpS_T_f32 = min
TS3.9 CRFMotorVel1_MtrRadpS_T_f32 = max
TS3.10 CRFMotorVel1_MtrRadpS_T_f32 = zero
TS3.11 CRFMotorVel1_MtrRadpS_T_f32 = pos
TS3.12 CRFMotorVel1_MtrRadpS_T_f32 = neg
TS3.13 k_DmpGainOnThresh_KphpS_f32 = min
TS3.14 k_DmpGainOnThresh_KphpS_f32 = max
TS3.15 k_DmpGainOnThresh_KphpS_f32 = pos
TS3.16 k_DmpDecelGain_Uls_f32 = min
TS3.17 k_DmpDecelGain_Uls_f32 = max
TS3.18 k_DmpDecelGain_Uls_f32 = pos
TS3.19 k_DmpGainOffThresh_KphpS_f32 = min
TS3.20 k_DmpGainOffThresh_KphpS_f32 = max
TS3.21 k_DmpGainOffThresh_KphpS_f32 = pos
TS3.22 PreDecelGain_Uls_M_f32 = min
TS3.23 PreDecelGain_Uls_M_f32 = max
TS3.24 PreDecelGain_Uls_M_f32 = pos
TS3.25 t_DmpDecelGainSlewX_MtrRadpS_u11p5[6]= min
TS3.26 t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = max
TS3.27 t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = pos
TS3.28 t_DmpDecelGainSlewY_UlspS_u13p3[6] = min
TS3.29 t_DmpDecelGainSlewY_UlspS_u13p3[6] = max
TS3.30 t_DmpDecelGainSlewY_UlspS_u13p3[6] = pos
TS3.31 k_DmpDecelGainFSlew_UlspS_f32 = min
TS3.32 k_DmpDecelGainFSlew_UlspS_f32 = max
TS3.33 k_DmpDecelGainFSlew_UlspS_f32 = pos

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118
PreDecelGain_Uls_M_f32	1
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	1
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8

Name	Input Value
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8

Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	✔
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔

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	1118
PreDecelGain_Uls_M_f32	4294967295
VehicleLonAccel_KphpS_T_f32	10
k_DmpDecelGainFSlew_UlspS_f32	4500
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	50
k_DmpGainOnThresh_KphpS_f32	50
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000

Name	Actual Value	Expected Value	Result
DecelGain()	4.2949673e+009	4294967286 ± 9999	✔
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967286 ± 0.0625	✔

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	100.02
PreDecelGain_Uls_M_f32	125487.235
VehicleLonAccel_KphpS_T_f32	-10
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	11.5
k_DmpGainOnThresh_KphpS_f32	5.25
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448

Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.035 ± 0.9	✔
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	✔

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	200.03
PreDecelGain_Uls_M_f32	125589.21
VehicleLonAccel_KphpS_T_f32	10
k_DmpDecelGainFSlew_UlspS_f32	200.05
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	22.25
k_DmpGainOnThresh_KphpS_f32	10.12
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448

Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.8099 ± 0.9	✔
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	✔

Test Step Call Trace

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

Test Step 3.5 (Repeat Count = 1)

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-100.04
PreDecelGain_Uls_M_f32	125691.185
VehicleLonAccel_KphpS_T_f32	0
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	4.2
k_DmpGainOffThresh_KphpS_f32	33.35
k_DmpGainOnThresh_KphpS_f32	15.32
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488

Name	Actual Value	Expected Value	Result
DecelGain()	125690.586	125690.5849 ± 0.9	✔
PreDecelGain_Uls_M_f32	125690.586	125690.5849 ± 0.0625	✔

Test Step Call Trace

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

Test Step 3.6 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-200.05
PreDecelGain_Uls_M_f32	125793.16
VehicleLonAccel_KphpS_T_f32	5.3
k_DmpDecelGainFSlew_UlspS_f32	400.04
k_DmpDecelGain_Uls_f32	6.1
k_DmpGainOffThresh_KphpS_f32	44.45
k_DmpGainOnThresh_KphpS_f32	20.25
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248

Name	Actual Value	Expected Value	Result
DecelGain()	125792.359	125792.3599 ± 0.9	✔
PreDecelGain_Uls_M_f32	125792.359	125792.3599 ± 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 3.7 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	300.02
PreDecelGain_Uls_M_f32	125895.135
VehicleLonAccel_KphpS_T_f32	-5.4
k_DmpDecelGainFSlew_UlspS_f32	500.02
k_DmpDecelGain_Uls_f32	5.2
k_DmpGainOffThresh_KphpS_f32	8.21
k_DmpGainOnThresh_KphpS_f32	25.12
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648

Name	Actual Value	Expected Value	Result
DecelGain()	125894.133	125894.135 ± 0.9	✔
PreDecelGain_Uls_M_f32	125894.133	125894.135 ± 0.0625	✔

Test Step Call Trace ✔

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

Test Step 3.8 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118
PreDecelGain_Uls_M_f32	125997.11
VehicleLonAccel_KphpS_T_f32	-2.2
k_DmpDecelGainFSlew_UlspS_f32	600.04
k_DmpDecelGain_Uls_f32	7.8
k_DmpGainOffThresh_KphpS_f32	16.62

Name	Input Value			
k_DmpGainOnThresh_KphpS_f32	1.25			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480			
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408			
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416			
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424			
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432			
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448			
Name	**Actual Value**	**Expected Value**		**Result**
DecelGain()	125995.906	125995.9099 ± 0.9		✔
PreDecelGain_Uls_M_f32	125995.906	125995.9099 ± 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 3.9 (Repeat Count = 1)				✔
Name	**Input Value**			
CRFMotorVel_MtrRadpS_T_f32	1118			
PreDecelGain_Uls_M_f32	126099.085			
VehicleLonAccel_KphpS_T_f32	-3.3			
k_DmpDecelGainFSlew_UlspS_f32	700.03			
k_DmpDecelGain_Uls_f32	8.7			
k_DmpGainOffThresh_KphpS_f32	24.21			
k_DmpGainOnThresh_KphpS_f32	2.58			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752			
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448			
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456			
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464			
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472			
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488			
Name	**Actual Value**	**Expected Value**		**Result**
DecelGain()	126097.688	126097.6849 ± 0.9		✔
PreDecelGain_Uls_M_f32	126097.688	126097.6849 ± 0.0625		✔

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

Test Step 3.10 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	0	
PreDecelGain_Uls_M_f32	126201.06	
VehicleLonAccel_KphpS_T_f32	-4.1	
k_DmpDecelGainFSlew_UlspS_f32	800.04	
k_DmpDecelGain_Uls_f32	9.2	
k_DmpGainOffThresh_KphpS_f32	11.21	
k_DmpGainOnThresh_KphpS_f32	3.21	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	

Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		

Name	Actual Value	Expected Value	Result
DecelGain()	126199.461	126199.4599 ± 0.9	✔
PreDecelGain_Uls_M_f32	126199.461	126199.4599 ± 0.0625	✔

Test Step Call Trace ✔

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

Test Step 3.11 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	100.5
PreDecelGain_Uls_M_f32	126303.035
VehicleLonAccel_KphpS_T_f32	-5.6
k_DmpDecelGainFSlew_UlspS_f32	900.02
k_DmpDecelGain_Uls_f32	1.1
k_DmpGainOffThresh_KphpS_f32	22.41
k_DmpGainOnThresh_KphpS_f32	4.62
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	14656
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	14688
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	14720
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	14752
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328

Name	Actual Value	Expected Value	Result
DecelGain()	126301.234	126301.235 ± 0.9	✔
PreDecelGain_Uls_M_f32	126301.234	126301.235 ± 0.0625	✔

Test Step Call Trace ✔

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

Test Step 3.12 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-100.2
PreDecelGain_Uls_M_f32	126405.01
VehicleLonAccel_KphpS_T_f32	-6.1
k_DmpDecelGainFSlew_UlspS_f32	1000.01
k_DmpDecelGain_Uls_f32	1.5
k_DmpGainOffThresh_KphpS_f32	33.32
k_DmpGainOnThresh_KphpS_f32	5.64
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424

Name	Actual Value	Expected Value	Result
DecelGain()	126403.008	126403.01 ± 0.9	✔
PreDecelGain_Uls_M_f32	126403.008	126403.01 ± 0.0625	✔

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

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

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

Test Step 3.14 (Repeat Count = 1)				✔
Name	**Input Value**			
CRFMotorVel_MtrRadpS_T_f32	-200.31			
PreDecelGain_Uls_M_f32	126608.96			
VehicleLonAccel_KphpS_T_f32	7.5			
k_DmpDecelGainFSlew_UlspS_f32	1200.02			
k_DmpDecelGain_Uls_f32	2.5			
k_DmpGainOffThresh_KphpS_f32	8.62			
k_DmpGainOnThresh_KphpS_f32	50			
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		126606.56 ± 0.9	✔
PreDecelGain_Uls_M_f32	126606.563		126606.56 ± 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 3.15 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	300.52
PreDecelGain_Uls_M_f32	126710.935
VehicleLonAccel_KphpS_T_f32	8.2
k_DmpDecelGainFSlew_UlspS_f32	1300.02
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	16.21
k_DmpGainOnThresh_KphpS_f32	25.25
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576

Name	Actual Value	Expected Value	Result
DecelGain()	126708.336	126708.335 ± 0.9	✔
PreDecelGain_Uls_M_f32	126708.336	126708.335 ± 0.0625	✔

Test Step Call Trace ✔

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

Test Step 3.16 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-300.63
PreDecelGain_Uls_M_f32	126812.91
VehicleLonAccel_KphpS_T_f32	9.3
k_DmpDecelGainFSlew_UlspS_f32	1400.01
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	24.12
k_DmpGainOnThresh_KphpS_f32	11.21
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520

Name	Actual Value	Expected Value	Result
DecelGain()	126810.109	126810.11 ± 0.9	✔
PreDecelGain_Uls_M_f32	126810.109	126810.11 ± 0.0625	✔

Test Step Call Trace ✔

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

Test Step 3.17 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	400.75
PreDecelGain_Uls_M_f32	126914.885
VehicleLonAccel_KphpS_T_f32	-1.2
k_DmpDecelGainFSlew_UlspS_f32	1500.04
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	32.41

Name	Input Value
k_DmpGainOnThresh_KphpS_f32	22.41
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648

Name	Actual Value	Expected Value	Result
DecelGain()	126911.883	126911.8849 ± 0.9	✔
PreDecelGain_Uls_M_f32	126911.883	126911.8849 ± 0.0625	✔

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

Test Step 3.18 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-400.52	
PreDecelGain_Uls_M_f32	127016.86	
VehicleLonAccel_KphpS_T_f32	-2.3	
k_DmpDecelGainFSlew_UlspS_f32	1600.02	
k_DmpDecelGain_Uls_f32	5.25	
k_DmpGainOffThresh_KphpS_f32	40.52	
k_DmpGainOnThresh_KphpS_f32	33.32	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	

Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.66 ± 0.9	✔
PreDecelGain_Uls_M_f32	127013.656	127013.66 ± 0.0625	✔

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

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

Name	Input Value
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488

Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	✔
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 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 3.20 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	600.46
PreDecelGain_Uls_M_f32	127220.81
VehicleLonAccel_KphpS_T_f32	-4.2
k_DmpDecelGainFSlew_UlspS_f32	1800.01
k_DmpDecelGain_Uls_f32	2.2
k_DmpGainOffThresh_KphpS_f32	50
k_DmpGainOnThresh_KphpS_f32	8.62
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	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	127217.21 ± 0.9	✔
PreDecelGain_Uls_M_f32	127217.211	127217.21 ± 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 3.21 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	700.02
PreDecelGain_Uls_M_f32	127322.785
VehicleLonAccel_KphpS_T_f32	-5.2
k_DmpDecelGainFSlew_UlspS_f32	1900.03
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	25.45
k_DmpGainOnThresh_KphpS_f32	16.21
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	127318.9849 ± 0.9	✔
PreDecelGain_Uls_M_f32	127318.984	127318.9849 ± 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 3.22 (Repeat Count = 1)				✔
Name	**Input Value**			
CRFMotorVel_MtrRadpS_T_f32	800.03			
PreDecelGain_Uls_M_f32	1			
VehicleLonAccel_KphpS_T_f32	-6.5			
k_DmpDecelGainFSlew_UlspS_f32	2000.06			
k_DmpDecelGain_Uls_f32	2.8			
k_DmpGainOffThresh_KphpS_f32	11.21			
k_DmpGainOnThresh_KphpS_f32	24.12			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480			
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448			
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456			
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464			
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472			
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488			
Name	**Actual Value**	**Expected Value**		**Result**
DecelGain()	1	1 ± 0.000009		✔
PreDecelGain_Uls_M_f32	1	1 ± 0.0625		✔

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

Test Step 3.23 (Repeat Count = 1)				✔
Name	**Input Value**			
CRFMotorVel_MtrRadpS_T_f32	900.08			
PreDecelGain_Uls_M_f32	4294967295			
VehicleLonAccel_KphpS_T_f32	-7.6			
k_DmpDecelGainFSlew_UlspS_f32	2100.02			
k_DmpDecelGain_Uls_f32	3.5			
k_DmpGainOffThresh_KphpS_f32	22.41			
k_DmpGainOnThresh_KphpS_f32	32.41			
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()	4.2949673e+009	4294967291 ± 9999		✔
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967291 ± 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 3.24 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1000.12
PreDecelGain_Uls_M_f32	127628.71
VehicleLonAccel_KphpS_T_f32	-8.2
k_DmpDecelGainFSlew_UlspS_f32	2200.02
k_DmpDecelGain_Uls_f32	3.9
k_DmpGainOffThresh_KphpS_f32	33.32
k_DmpGainOnThresh_KphpS_f32	40.52
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720

Name	Actual Value	Expected Value	Result
DecelGain()	127624.313	127624.31 ± 0.9	✔
PreDecelGain_Uls_M_f32	127624.313	127624.31 ± 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 3.25 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1100.26
PreDecelGain_Uls_M_f32	127730.685
VehicleLonAccel_KphpS_T_f32	-9.2
k_DmpDecelGainFSlew_UlspS_f32	2300.04
k_DmpDecelGain_Uls_f32	3.7
k_DmpGainOffThresh_KphpS_f32	44.45
k_DmpGainOnThresh_KphpS_f32	48.62
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576

Name	Actual Value	Expected Value	Result
DecelGain()	127726.086	127726.0849 ± 0.9	✔
PreDecelGain_Uls_M_f32	127726.086	127726.0849 ± 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 3.26 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-500.23
PreDecelGain_Uls_M_f32	127832.66
VehicleLonAccel_KphpS_T_f32	1.1
k_DmpDecelGainFSlew_UlspS_f32	2400.08
k_DmpDecelGain_Uls_f32	4.8
k_DmpGainOffThresh_KphpS_f32	8.62

Name	Input Value
k_DmpGainOnThresh_KphpS_f32	4.21
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520

Name	Actual Value	Expected Value	Result
DecelGain()	127827.859	127827.8598 ± 0.9	✔
PreDecelGain_Uls_M_f32	127827.859	127827.8598 ± 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 3.27 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-600.52
PreDecelGain_Uls_M_f32	127934.635
VehicleLonAccel_KphpS_T_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	2500.02
k_DmpDecelGain_Uls_f32	5.9
k_DmpGainOffThresh_KphpS_f32	16.21
k_DmpGainOnThresh_KphpS_f32	8.85
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3200
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	6400
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9600
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	12800
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	16000
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	19200
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248

Name	Actual Value	Expected Value	Result
DecelGain()	127929.633	127929.635 ± 0.9	✔
PreDecelGain_Uls_M_f32	127929.633	127929.635 ± 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 3.28 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-700.14
PreDecelGain_Uls_M_f32	128036.61
VehicleLonAccel_KphpS_T_f32	1.6
k_DmpDecelGainFSlew_UlspS_f32	2600.07
k_DmpDecelGain_Uls_f32	5.8
k_DmpGainOffThresh_KphpS_f32	24.12
k_DmpGainOnThresh_KphpS_f32	12.61
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8

Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		

Name	Actual Value	Expected Value	Result
DecelGain()	128031.406	128031.4099 ± 0.9	✔
PreDecelGain_Uls_M_f32	128031.406	128031.4099 ± 0.0625	✔

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

Test Step 3.29 (Repeat Count = 1)		✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-800.52
PreDecelGain_Uls_M_f32	128138.585
VehicleLonAccel_KphpS_T_f32	1.8
k_DmpDecelGainFSlew_UlspS_f32	2700.03
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	32.41
k_DmpGainOnThresh_KphpS_f32	16.21
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000

Name	Actual Value	Expected Value	Result
DecelGain()	128133.188	128133.1849 ± 0.9	✔
PreDecelGain_Uls_M_f32	128133.188	128133.1849 ± 0.0625	✔

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

Test Step 3.30 (Repeat Count = 1)		✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-900.63
PreDecelGain_Uls_M_f32	128240.56
VehicleLonAccel_KphpS_T_f32	-2.1
k_DmpDecelGainFSlew_UlspS_f32	2800.02
k_DmpDecelGain_Uls_f32	6.8
k_DmpGainOffThresh_KphpS_f32	40.52
k_DmpGainOnThresh_KphpS_f32	20.63
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2000
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2008
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2016
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2024
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2032
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2040

Name	Actual Value	Expected Value	Result
DecelGain()	128234.961	128234.96 ± 0.9	✔
PreDecelGain_Uls_M_f32	128234.961	128234.96 ± 0.0625	✔

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

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

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

Test Step 3.32 (Repeat Count = 1)		✔
Name	**Input Value**	
CRFMotorVel_MtrRadpS_T_f32	-1100.85	
PreDecelGain_Uls_M_f32	128444.51	
VehicleLonAccel_KphpS_T_f32	-2.9	
k_DmpDecelGainFSlew_UlspS_f32	4500	
k_DmpDecelGain_Uls_f32	3.8	
k_DmpGainOffThresh_KphpS_f32	4.21	
k_DmpGainOnThresh_KphpS_f32	28.18	
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	128435.51 ± 0.9	✔
PreDecelGain_Uls_M_f32	128435.508	128435.51 ± 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 3.33 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	458.62
PreDecelGain_Uls_M_f32	128546.485
VehicleLonAccel_KphpS_T_f32	-8.1
k_DmpDecelGainFSlew_UlspS_f32	2500.02
k_DmpDecelGain_Uls_f32	6.9
k_DmpGainOffThresh_KphpS_f32	8.85
k_DmpGainOnThresh_KphpS_f32	32.25
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248

Name	Actual Value	Expected Value	Result
DecelGain()	128541.484	128541.485 ± 0.9	✔
PreDecelGain_Uls_M_f32	128541.484	128541.485 ± 0.0625	✔

Test Step Call Trace ✔

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

TEST DETAILS REPORT

FrqDepDmpnInrtCmp_Per1

2014-09-19, 16:56:10+0530

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
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\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	*************************************Unit Test Description************************************ Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Usercode	
Stub Function Name	**Stub Function Body**

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_Checkpo	$stub void Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached() {
	
	 /* empty stub code created by TESSY */
	 }

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_Checkpo	$stub void Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached() {
	
	 /* empty stub code created by TESSY */
	 }

Test Case 1: Metrics Test ✔

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

CPU Cycles:

TS1.1   5929.00 Cycles
TS1.2   5956.00 Cycles
```

Description
```
Test Vector Description:

TS1.1  "Shortest Execution Path:
(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=False
(FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True"
TS1.2  "Longest Execution Path:
(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=True
(FrqDepDmpnInrtCmp_MtrNm_T_f32>= D_MTRTRQCMDHILMT_MTRNM_F32)=False
(FrqDepDmpnInrtCmp_MtrNm_T_f32<= -D_MTRTRQCMDHILMT_MTRNM_F32)=False"
```

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_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]	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

Name	Input Value
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
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

Name	Input Value
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	8.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.2
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2
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	1.11199999	1.112 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	128.764511	128.764510970637 ± 0.0009	✔
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 1.2 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_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]	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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112
t2_FDD_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
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

Name	Input Value
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	8.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-21.32
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2
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_Hwt	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	125487.234	125487.235 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	14899641	14899642.12 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Case 2: Path Test ✔

Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS2.1 5949.00 Cycles TS2.2 5980.00 Cycles TS2.3 6964.00 Cycles
Description	Test Vector Description: TS2.1 "(FDDDefSrvFlg_Cnt_T_lgc = True) =False (FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True" TS2.2 "(FDDDefSrvFlg_Cnt_T_lgc = True) =True (FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=False (FrqDepDmpnInrtCmp_MtrNm_T_f32<=D_MTRTRQCMDHILMT_MTRNM_F32)=False" TS2.3 (FrqDepDmpnInrtCmp_MtrNm_T_f32<=D_MTRTRQCMDHILMT_MTRNM_F32)=True

Test Step 2.1 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_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

Name	Input Value
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
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

Name	Input Value
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	8.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.2
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_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	125487.031	125487.035 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618.37 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔

Name	Actual Value	Expected Value	Result
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	1.20000005	1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.2 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	125589.21	
Prev1PreAttnComp_MtrNm_M_f32	-1.1	
Prev1SclDrvVel_RadpS_M_f32	-445.3	
Prev2PreAttnComp_MtrNm_M_f32	-6.8	
Prev2SclDrvVel_RadpS_M_f32	-220.3	
PrevTbarAng_HwDeg_M_f32	4.339	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.2365	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3	
k_CmnTbarStiff_NmpDeg_f32	2.3	
k_DmpDecelGainFSlew_UlspS_f32	200.03	
k_DmpDecelGain_Uls_f32	3.6	
k_DmpGainOffThresh_KphpS_f32	20.2	
k_DmpGainOnThresh_KphpS_f32	35.3	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553	
t2_FDD_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	

Name	Input Value
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_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]	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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[5]	18
t_FDD_BlendTblY_Uls_u8p8[6]	20
t_FDD_BlendTblY_Uls_u8p8[7]	23
t_FDD_BlendTblY_Uls_u8p8[8]	26
t_FDD_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	-8.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-600.3
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.3
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_WIRCmdAmpBI	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.1416 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.3094401 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826087 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.29999995	-1.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 2.3 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125997.11
Prev1PreAttnComp_MtrNm_M_f32	-3.3
Prev1SclDrvVel_RadpS_M_f32	-4021.3
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2SclDrvVel_RadpS_M_f32	-363.2
PrevTbarAng_HwDeg_M_f32	0.159
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_CmnTbarStiff_NmpDeg_f32	6.2
k_DmpDecelGainFSlew_UlspS_f32	400.05
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	44
t_FDD_BlendTblY_Uls_u8p8[11]	46
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154
t_InrtCmp_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	-6.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.4
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	125996.313	125996.3099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653.482 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	2.4000001	2.4 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Case 3: Boundary Test ✔

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

CPU Cycles:

```
TS3.1    5738.00 Cycles
TS3.2    5800.00 Cycles
TS3.3    5953.00 Cycles
TS3.4    5979.00 Cycles
TS3.5    5952.00 Cycles
TS3.6    5821.00 Cycles
TS3.7    5962.00 Cycles
TS3.8    6964.00 Cycles
TS3.9    5881.00 Cycles
TS3.10   5780.00 Cycles
TS3.11   5763.00 Cycles
TS3.12   5814.00 Cycles
TS3.13   5814.00 Cycles
TS3.14   5815.00 Cycles
TS3.15   5785.00 Cycles
TS3.16   5987.00 Cycles
TS3.17   5789.00 Cycles
TS3.18   5711.00 Cycles
TS3.19   5767.00 Cycles
TS3.20   5771.00 Cycles
TS3.21   6106.00 Cycles
TS3.22   5803.00 Cycles
TS3.23   5783.00 Cycles
TS3.24   5770.00 Cycles
TS3.25   5792.00 Cycles
TS3.26   5794.00 Cycles
TS3.27   5773.00 Cycles
TS3.28   5871.00 Cycles
TS3.29   5826.00 Cycles
TS3.30   5816.00 Cycles
TS3.31   5781.00 Cycles
TS3.32   5770.00 Cycles
TS3.33   5792.00 Cycles
TS3.34   5987.00 Cycles
TS3.35   5789.00 Cycles
```

Description   Test Vector Description:

TS3.1   All min
TS3.2   All max
TS3.3   HwTorque_HwNm_f32 = min
TS3.4   HwTorque_HwNm_f32 = max
TS3.5   HwTorque_HwNm_f32 = zero
TS3.6   HwTorque_HwNm_f32 = neg
TS3.7   HwTorque_HwNm_f32 = pos
TS3.8   CRFMotorVel_MtrRadpS_f32 = min
TS3.9   CRFMotorVel_MtrRadpS_f32 = max
TS3.10 CRFMotorVel_MtrRadpS_f32 = zero
TS3.11 CRFMotorVel_MtrRadpS_f32 = neg
TS3.12 CRFMotorVel_MtrRadpS_f32 = pos
TS3.13 BaseAssistCmd_MtrNm_f32 = min
TS3.14 BaseAssistCmd_MtrNm_f32 = max
TS3.15 BaseAssistCmd_MtrNm_f32 = zero
TS3.16 BaseAssistCmd_MtrNm_f32 = neg
TS3.17 BaseAssistCmd_MtrNm_f32 = pos
TS3.18 VehicleSpeed_Kph_f32 = min
TS3.19 VehicleSpeed_Kph_f32 = max
TS3.20 VehicleSpeed_Kph_f32 = pos
TS3.21 WIRCmdAmpBlnd_MtrNm_f32 = min
TS3.22 WIRCmdAmpBlnd_MtrNm_f32 = max
TS3.23 WIRCmdAmpBlnd_MtrNm_f32 = pos
TS3.24 FreqDepDmpSrlComSvcDft_Cnt_lgc = min
TS3.25 FreqDepDmpSrlComSvcDft_Cnt_lgc = max
TS3.26 VehicleLonAccel_KphpS_f32 = min
TS3.27 VehicleLonAccel_KphpS_f32 = max
TS3.28 VehicleLonAccel_KphpS_f32 = zero
TS3.29 VehicleLonAccel_KphpS_f32 = neg
TS3.30 VehicleLonAccel_KphpS_f32 = pos
TS3.31 Rte_Call_FltInjection_SCom_FltInjection=min
TS3.32 Rte_Call_FltInjection_SCom_FltInjection=max
TS3.33 Rte_Call_FltInjection_SCom_FltInjection=zero
TS3.34 Rte_Call_FltInjection_SCom_FltInjection=pos
TS3.35 Rte_Call_FltInjection_SCom_FltInjection=neg

Test Step 3.1 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	-8.8
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-8.8
Prev2SclDrvVel_RadpS_M_f32	-12917.3
PrevTbarAng_HwDeg_M_f32	-20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	1

Name	Input Value
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_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
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

Name	Input Value
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0
t_FDD_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
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0
t_RIAstWIRBIndTblY_Uls_u2p14[0]	0
t_RIAstWIRBIndTblY_Uls_u2p14[1]	0
t_RIAstWIRBIndTblY_Uls_u2p14[2]	0
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0
t_RIAstWIRBIndTblY_Uls_u2p14[4]	0
t_WIRBIndTblX_MtrNm_u8p8[0]	0
t_WIRBIndTblX_MtrNm_u8p8[1]	0
t_WIRBIndTblX_MtrNm_u8p8[2]	0

Name	Input Value
t_WIRBlndTblX_MtrNm_u8p8[3]	0
t_WIRBlndTblX_MtrNm_u8p8[4]	0
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.8
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	0
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.8
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_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	-8.798627659 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.658327638 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.8 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔	

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

Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	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
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

Name	Input Value
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	8.8
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	8.8
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	8.8
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32

Name	Input Value
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_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	4.2949673e+009	4294967286 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-2.45381431e+011	-245381471607.646 ± 999999.9	✔
Prev1SclDrvVel_RadpS_M_f32	1112.98718	1112.9872366867 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.8721137	-2.87210173650089 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.8 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.3 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	125487.235	
Prev1PreAttnComp_MtrNm_M_f32	1.1	
Prev1SclDrvVel_RadpS_M_f32	2205.3	
Prev2PreAttnComp_MtrNm_M_f32	7.3	
Prev2SclDrvVel_RadpS_M_f32	101.2	
PrevTbarAng_HwDeg_M_f32	-8.32	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	3.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.1258	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2	
k_CmnTbarStiff_NmpDeg_f32	1.2	
k_DmpDecelGainFSlew_UlspS_f32	100.02	
k_DmpDecelGain_Uls_f32	2.5	
k_DmpGainOffThresh_KphpS_f32	16.5	
k_DmpGainOnThresh_KphpS_f32	30.2	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9	
t2_FDD_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	

Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_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_UIspS_u13p3[0]	408
t_DmpDecelGainSlewY_UIspS_u13p3[1]	416
t_DmpDecelGainSlewY_UIspS_u13p3[2]	424
t_DmpDecelGainSlewY_UIspS_u13p3[3]	432
t_DmpDecelGainSlewY_UIspS_u13p3[4]	440
t_DmpDecelGainSlewY_UIspS_u13p3[5]	448
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_UIs_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

Name	Input Value
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[0]	3
t_FDD_BlendTblY_Uls_u8p8[1]	5
t_FDD_BlendTblY_Uls_u8p8[2]	8
t_FDD_BlendTblY_Uls_u8p8[3]	10
t_FDD_BlendTblY_Uls_u8p8[4]	13
t_FDD_BlendTblY_Uls_u8p8[5]	15
t_FDD_BlendTblY_Uls_u8p8[6]	18
t_FDD_BlendTblY_Uls_u8p8[7]	20
t_FDD_BlendTblY_Uls_u8p8[8]	23
t_FDD_BlendTblY_Uls_u8p8[9]	26
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15
t_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	8.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	125487.031	125487.035 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618.37 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	✓

Name	Actual Value	Expected Value	Result
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔	

Test Step 3.4 (Repeat Count = 1)		✔
Name	**Input Value**	
PreDecelGain_Uls_M_f32	125589.21	
Prev1PreAttnComp_MtrNm_M_f32	-1.1	
Prev1SclDrvVel_RadpS_M_f32	-445.3	
Prev2PreAttnComp_MtrNm_M_f32	-6.8	
Prev2SclDrvVel_RadpS_M_f32	-220.3	
PrevTbarAng_HwDeg_M_f32	4.339	
Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjection(SignalPath Uls	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.2365	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3	
k_CmnTbarStiff_NmpDeg_f32	2.3	
k_DmpDecelGainFSlew_UlspS_f32	200.03	
k_DmpDecelGain_Uls_f32	3.6	
k_DmpGainOffThresh_KphpS_f32	20.2	
k_DmpGainOnThresh_KphpS_f32	35.3	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553	
t2_FDD_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_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_DmpFiltKpWlRBlndY_Uls_u2p14[0]	3277
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	4915
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]	6554
t_DmpFiltKpWlRBlndY_Uls_u2p14[3]	8192
t_DmpFiltKpWlRBlndY_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

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	-8.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-600.3
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.3
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_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	125588.813	125588.8099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.1416 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.3094401 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826087 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	1.29999995	1.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.5 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125691.185
Prev1PreAttnComp_MtrNm_M_f32	2.2
Prev1SclDrvVel_RadpS_M_f32	292.6
Prev2PreAttnComp_MtrNm_M_f32	6.8
Prev2SclDrvVel_RadpS_M_f32	105.1
PrevTbarAng_HwDeg_M_f32	-0.001
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	4.5
k_DmpGainOffThresh_KphpS_f32	22.1
k_DmpGainOnThresh_KphpS_f32	40.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
t_CmnVehSpd_Kph_u9p7[0]	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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	36
t_FDD_BlendTblY_Uls_u8p8[11]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51
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	7.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	500.4
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	300.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-2.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_FreqDepDmpSi	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	125690.984	125690.985 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.9685 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	350.610321	350.6103097 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.20000005	2.2 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-2.20000005	-2.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.6 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125793.16
Prev1PreAttnComp_MtrNm_M_f32	-2.2
Prev1SclDrvVel_RadpS_M_f32	-160.3
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2SclDrvVel_RadpS_M_f32	-301.2
PrevTbarAng_HwDeg_M_f32	-1.1549
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	200.05
k_DmpDecelGain_Uls_f32	3.2
k_DmpGainOffThresh_KphpS_f32	22.3
k_DmpGainOnThresh_KphpS_f32	45.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_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]	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]	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	-7.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-500.5
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-5.2
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.06
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.1
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.5
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_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	125792.758	125792.7599 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	512151.25	512151.2172 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610367 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.155555556 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.939015687	-0.939021333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	2.5	2.5 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.7 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125895.135
Prev1PreAttnComp_MtrNm_M_f32	3.3
Prev1SclDrvVel_RadpS_M_f32	2625.3
Prev2PreAttnComp_MtrNm_M_f32	5.2
Prev2SclDrvVel_RadpS_M_f32	157.2
PrevTbarAng_HwDeg_M_f32	1.009
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.03
k_CmnTbarStiff_NmpDeg_f32	5.2
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	4.2
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	15.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00004
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
t_CmnVehSpd_Kph_u9p7[0]	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_UlspS_u13p3[0]	1608
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638
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_Uls_u8p8[0]	144
t_FDD_AttenTblY_Uls_u8p8[1]	146
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	41
t_FDD_BlendTblY_Uls_u8p8[11]	44
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76
t_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	6.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	400.6
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	5.3
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.08
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-3.6
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	125894.531	125894.5349 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430.49 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.1828953 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.01923084	1.019230769 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.631739231 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-3.5999999	-3.6 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.8 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	125997.11
Prev1PreAttnComp_MtrNm_M_f32	-3.3
Prev1SclDrvVel_RadpS_M_f32	-4021.3
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2SclDrvVel_RadpS_M_f32	-363.2
PrevTbarAng_HwDeg_M_f32	0.159
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_CmnTbarStiff_NmpDeg_f32	6.2
k_DmpDecelGainFSlew_UlspS_f32	400.05
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	44
t_FDD_BlendTblY_Uls_u8p8[11]	46
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154
t_InrtCmp_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	-6.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.5
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	125996.313	125996.3099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653.482 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	3.5	3.5 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.9 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126099.085
Prev1PreAttnComp_MtrNm_M_f32	4.4
Prev1SclDrvVel_RadpS_M_f32	1234.2
Prev2PreAttnComp_MtrNm_M_f32	2.3
Prev2SclDrvVel_RadpS_M_f32	4678.2
PrevTbarAng_HwDeg_M_f32	-0.129
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.2
TbarVelFiltSv_M_str.K_Uls_f32	0.014785
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.5
k_CmnTbarStiff_NmpDeg_f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	500.02
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	8.6
k_DmpGainOnThresh_KphpS_f32	25.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	46
t_FDD_BlendTblY_Uls_u8p8[11]	49
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106
t_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	4.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.08
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.1
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.5
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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_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	126098.085 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-3128609.5	-3128609.352 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	340.747711	340.7476731 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	1234.19995	1234.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.137333333	-0.137333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	6.04672861	6.046728833 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-4.5	-4.5 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.10 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126201.06
Prev1PreAttnComp_MtrNm_M_f32	-4.4
Prev1SclDrvVel_RadpS_M_f32	-270.2
Prev2PreAttnComp_MtrNm_M_f32	-1.7
Prev2SclDrvVel_RadpS_M_f32	-15.3
PrevTbarAng_HwDeg_M_f32	0.279
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.025896
k_CmnSysKinRatio_MtrDegpHwDeg_f32	80.02
k_CmnTbarStiff_NmpDeg_f32	8.8
k_DmpDecelGainFSlew_UlspS_f32	600.06
k_DmpDecelGain_Uls_f32	7.2
k_DmpGainOffThresh_KphpS_f32	16.2
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376
t2_FDD_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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
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	-40.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.09
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.1
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.3
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_FrqDepDmpIn	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	126199.859	126199.8599 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.8717 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-0.866061449	-0.866061495 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090909 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.291654909 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	4.30000019	4.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.11 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126303.035
Prev1PreAttnComp_MtrNm_M_f32	5.5
Prev1SclDrvVel_RadpS_M_f32	6789
Prev2PreAttnComp_MtrNm_M_f32	1.7
Prev2SclDrvVel_RadpS_M_f32	5322.2
PrevTbarAng_HwDeg_M_f32	-0.269
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03698
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.02
k_CmnTbarStiff_NmpDeg_f32	9.6
k_DmpDecelGainFSlew_UlspS_f32	700.02
k_DmpDecelGain_Uls_f32	8.5
k_DmpGainOffThresh_KphpS_f32	24.1
k_DmpGainOnThresh_KphpS_f32	35.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_DmpADDCoefX_MtrNm_u4p12[0]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	91
t_FDD_BlendTblY_Uls_u8p8[11]	93
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29
t_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	3.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.6
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.1
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-5.2
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_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	126301.633	126301.635 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1181610.88	1181610.552 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.24951101 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.973805667 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-5.19999981	-5.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.12 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126405.01
Prev1PreAttnComp_MtrNm_M_f32	-5.5
Prev1SclDrvVel_RadpS_M_f32	-37.03
Prev2PreAttnComp_MtrNm_M_f32	-8.3
Prev2SclDrvVel_RadpS_M_f32	-42.2
PrevTbarAng_HwDeg_M_f32	2.459
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.02547
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.12
k_CmnTbarStiff_NmpDeg_f32	1.5
k_DmpDecelGainFSlew_UlspS_f32	800.01
k_DmpDecelGain_Uls_f32	9.5
k_DmpGainOffThresh_KphpS_f32	32.3
k_DmpGainOnThresh_KphpS_f32	40.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240
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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	119
t_FDD_BlendTblY_Uls_u8p8[11]	122
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45
t_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	-3.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	350.3
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.7
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	22.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.03
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	5.3
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	126403.406	126403.41 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-343428.688	-343428.7798 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	314.997375	314.9973886 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-37.0299988	-37.03 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	2.4666667	2.466666667 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.99539185	-3.995391 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	5.30000019	5.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.13 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126506.985
Prev1PreAttnComp_MtrNm_M_f32	6.6
Prev1SclDrvVel_RadpS_M_f32	26.02
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2SclDrvVel_RadpS_M_f32	17.2
PrevTbarAng_HwDeg_M_f32	-1.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.3
TbarVelFiltSv_M_str.K_Uls_f32	0.02145
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.13
k_CmnTbarStiff_NmpDeg_f32	2.5
k_DmpDecelGainFSlew_UlspS_f32	900.03
k_DmpDecelGain_Uls_f32	1.1
k_DmpGainOffThresh_KphpS_f32	40.2
k_DmpGainOnThresh_KphpS_f32	45.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576
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_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
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	141
t_FDD_BlendTblY_Uls_u8p8[11]	144
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269
t_InrtCmp_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	-8.8
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-400.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.8
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	33.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	160.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-6.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	126505.1849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1010980	1010980.109 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	-319.417603	-319.4175991 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.02 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.52 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.100515 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-6.19999981	-6.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.14 (Repeat Count = 1) ✔

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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	169
t_FDD_BlendTblY_Uls_u8p8[11]	172
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115
t_InrtCmp_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	8.8
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	300.6
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	4.1
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-11.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	170.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.4
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.1
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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	126606.961	126606.9599 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	1334381.63	1334381.785 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.5085113 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-33.0499992	-33.05 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.17142856	1.171428571 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.15980816	-3.159808571 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	6.0999999	6.1 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.15 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126710.935
Prev1PreAttnComp_MtrNm_M_f32	7.7
Prev1SclDrvVel_RadpS_M_f32	18.03
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.5
PrevTbarAng_HwDeg_M_f32	-0.92
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.2
TbarVelFiltSv_M_str.K_Uls_f32	0.01258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.51
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	1100.02
k_DmpDecelGain_Uls_f32	1.9
k_DmpGainOffThresh_KphpS_f32	4.2
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00012
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
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	-300.1
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.2
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-22.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.6
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-7.2
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	126710.938	126710.935 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	26591.9277	26591.92825 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-177.270554	-177.2705444 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.03 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.050717333 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-7.19999981	-7.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.16 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126812.91
Prev1PreAttnComp_MtrNm_M_f32	-7.7
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2SclDrvVel_RadpS_M_f32	-297.3
PrevTbarAng_HwDeg_M_f32	1.145
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.2
k_DmpGainOnThresh_KphpS_f32	35.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	241
t_FDD_BlendTblY_Uls_u8p8[11]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_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	-5.4
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.3
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.7
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	7.3
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	126812.906	126812.91 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	7.30000019	7.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.17 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126914.885
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.2
PrevTbarAng_HwDeg_M_f32	-0.979
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.3
TbarVelFiltSv_M_str.K_Uls_f32	0.096321
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpDecelGainFSlew_UlspS_f32	1300.06
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	12.2
k_DmpGainOnThresh_KphpS_f32	40.1
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154
t_InrtCmp_ScaleFactorTblY_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	-200.4
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.06
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.03
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_f	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_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	126912.281	126912.2849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.19999981	-8.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.18 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127016.86
Prev1PreAttnComp_MtrNm_M_f32	-1.5
Prev1SclDrvVel_RadpS_M_f32	-16.2
Prev2PreAttnComp_MtrNm_M_f32	-4.5
Prev2SclDrvVel_RadpS_M_f32	-25.6
PrevTbarAng_HwDeg_M_f32	0.989
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.047852
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.14
k_CmnTbarStiff_NmpDeg_f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	1400.05
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	45.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00015
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240
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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	31
t_FDD_BlendTblY_Uls_u8p8[11]	33
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154
t_InrtCmp_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	2.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	100.8
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	3.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	8.3
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	127014.063	127014.0599 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-12284.4609	-12284.45952 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	30.5068626	30.50686197 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.2000008	-16.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.69140744	1.691408 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.30000019	8.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.19 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127118.835
Prev1PreAttnComp_MtrNm_M_f32	2.5
Prev1SclDrvVel_RadpS_M_f32	100.8
Prev2PreAttnComp_MtrNm_M_f32	4.5
Prev2SclDrvVel_RadpS_M_f32	987.5
PrevTbarAng_HwDeg_M_f32	-0.894
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6
TbarVelFiltSv_M_str.K_Uls_f32	0.2356
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.15
k_CmnTbarStiff_NmpDeg_f32	8.5
k_DmpDecelGainFSlew_UlspS_f32	1500.02
k_DmpDecelGain_Uls_f32	2.2
k_DmpGainOffThresh_KphpS_f32	20.6
k_DmpGainOnThresh_KphpS_f32	22.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00016
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	36
t_FDD_BlendTblY_Uls_u8p8[11]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33
t_InrtCmp_TBarVel_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	-2.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-100.4
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-7.6
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	12.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.2
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_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	127115.836	127115.835 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-388429.438	-388429.5001 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-20.7490158	-20.74901587 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	100.800003	100.8 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.894117653	-0.894117647 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.23690033	-1.236898824 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	3.20000005	3.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.20 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127220.81
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-69.6
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2SclDrvVel_RadpS_M_f32	-59.2
PrevTbarAng_HwDeg_M_f32	0.909
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.2
TbarVelFiltSv_M_str.K_Uls_f32	0.3479
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.12
k_CmnTbarStiff_NmpDeg_f32	9.5
k_DmpDecelGainFSlew_UlspS_f32	1600.03
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.3
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	41
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_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	8.7
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_Hwt	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	127217.6099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-34957.4961	-34957.49739 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	16.6422844	16.64228823 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789474 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.96354413	1.963548947 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.21 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127322.785
Prev1PreAttnComp_MtrNm_M_f32	-3.5
Prev1SclDrvVel_RadpS_M_f32	-49.2
Prev2PreAttnComp_MtrNm_M_f32	-2.4
Prev2SclDrvVel_RadpS_M_f32	-366.2
PrevTbarAng_HwDeg_M_f32	-6.771
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.2244
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.02
k_CmnTbarStiff_NmpDeg_f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	1700.05
k_DmpDecelGain_Uls_f32	2.1
k_DmpGainOffThresh_KphpS_f32	16.2
k_DmpGainOnThresh_KphpS_f32	44.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00031
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	96
t2_FDD_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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	41
t_FDD_BlendTblY_Uls_u8p8[11]	44
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76
t_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	-1.6
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-150.6
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.8
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	14.06
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	0
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.3
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	127319.383	127319.3849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	527959.5	527959.4157 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-135.810211	-135.810175 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-49.2000008	-49.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-6.76923132	-6.769230769 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.96496433	-0.964892308 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	1.29999995	1.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.22 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	8787
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	22.3
Prev2PreAttnComp_MtrNm_M_f32	2.4
Prev2SclDrvVel_RadpS_M_f32	115.2
PrevTbarAng_HwDeg_M_f32	3.403
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.6
TbarVelFiltSv_M_str.K_Uls_f32	0.3366
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.03
k_CmnTbarStiff_NmpDeg_f32	2.7
k_DmpDecelGainFSlew_UlspS_f32	1800.06
k_DmpDecelGain_Uls_f32	2.2
k_DmpGainOffThresh_KphpS_f32	20.3
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.00032
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112
t2_FDD_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_DmpFiltKpWlRBlndY_Uls_u2p14[0]	8192
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	9830
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]	11469
t_DmpFiltKpWlRBlndY_Uls_u2p14[3]	13107
t_DmpFiltKpWlRBlndY_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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	44
t_FDD_BlendTblY_Uls_u8p8[11]	46
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91
t_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	1.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	250.02
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	9.2
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	15.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	230.03
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	8.8
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.2
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	8783.39941	8783.39988 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-3935.75269	-3935.753195 ± 0.009	✔
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.8166781 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	3.40740728	3.407407407 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.46656632	2.466606667 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	2.20000005	2.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.23 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1SclDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2SclDrvVel_RadpS_M_f32	-380.2
PrevTbarAng_HwDeg_M_f32	-3.06
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.4488
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k_CmnTbarStiff_NmpDeg_f32	3.1
k_DmpDecelGainFSlew_UlspS_f32	1900.08
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t2_FDD_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

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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	46
t_FDD_BlendTblY_Uls_u8p8[11]	49
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	-1.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.03
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.5
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-2.5
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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	45674.1992	45674.19984 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-2.5	-2.5 ± 0.00048828125	✔

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.24 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127628.71
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.6
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	175.3
PrevTbarAng_HwDeg_M_f32	1.154
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.2
TbarVelFiltSv_M_str.K_Uls_f32	0.5599
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.06
k_CmnTbarStiff_NmpDeg_f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	200.09
k_DmpDecelGain_Uls_f32	2.8
k_DmpGainOffThresh_KphpS_f32	22.2
k_DmpGainOnThresh_KphpS_f32	24.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15
t_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	2.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.06
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.6
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	127628.3098 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.2916 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	3.5999999	3.6 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.25 (Repeat Count = 1)

Name	Input Value
PreDecelGain_Uls_M_f32	127730.685
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.23
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2SclDrvVel_RadpS_M_f32	-120.1
PrevTbarAng_HwDeg_M_f32	-0.554
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.02
k_CmnTbarStiff_NmpDeg_f32	2.7
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	32.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080
t_FDD_AttenTblY_Uls_u8p8[0]	65
t_FDD_AttenTblY_Uls_u8p8[1]	68
t_FDD_BlendTblY_Uls_u8p8[0]	65
t_FDD_BlendTblY_Uls_u8p8[1]	68
t_FDD_BlendTblY_Uls_u8p8[2]	70
t_FDD_BlendTblY_Uls_u8p8[3]	73
t_FDD_BlendTblY_Uls_u8p8[4]	75
t_FDD_BlendTblY_Uls_u8p8[5]	78
t_FDD_BlendTblY_Uls_u8p8[6]	80
t_FDD_BlendTblY_Uls_u8p8[7]	83
t_FDD_BlendTblY_Uls_u8p8[8]	86
t_FDD_BlendTblY_Uls_u8p8[9]	88

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	91
t_FDD_BlendTblY_Uls_u8p8[11]	93
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64
t_InrtCmp_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	-2.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.14
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.06
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-3.2
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_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	127730.086	127730.0849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.78752 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.6753087 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.23 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.836055556 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-3.20000005	-3.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.26 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127832.66
Prev1PreAttnComp_MtrNm_M_f32	7.5
Prev1SclDrvVel_RadpS_M_f32	-1100.2
Prev2PreAttnComp_MtrNm_M_f32	8.1
Prev2SclDrvVel_RadpS_M_f32	-36.2
PrevTbarAng_HwDeg_M_f32	0.8
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.2365
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.12
k_CmnTbarStiff_NmpDeg_f32	3.1
k_DmpDecelGainFSlew_UlspS_f32	200.02
k_DmpDecelGain_Uls_f32	3.9
k_DmpGainOffThresh_KphpS_f32	15.2
k_DmpGainOnThresh_KphpS_f32	40.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	119
t_FDD_BlendTblY_Uls_u8p8[11]	122
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38
t_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	3.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	550.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	280.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.4
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	127832.258	127832.26 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-2236951.25	-2236951.286 ± 9.9	✔
Prev1SclDrvVel_RadpS_M_f32	488.806824	488.8068117 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1100.19995	-1100.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.67284751	-2.672846774 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	4.4000001	4.4 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.27 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127934.635
Prev1PreAttnComp_MtrNm_M_f32	-7.5
Prev1SclDrvVel_RadpS_M_f32	250.05
Prev2PreAttnComp_MtrNm_M_f32	-7.7
Prev2SclDrvVel_RadpS_M_f32	11.5
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.12
k_CmnTbarStiff_NmpDeg_f32	4.8
k_DmpDecelGainFSlew_UlspS_f32	300.03
k_DmpDecelGain_Uls_f32	3.7
k_DmpGainOffThresh_KphpS_f32	20.2
k_DmpGainOnThresh_KphpS_f32	48.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00037
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	141
t_FDD_BlendTblY_Uls_u8p8[11]	144
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154
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	-3.3
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-550.3
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	290.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.6
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_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	127934.0349 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.7843 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.1166652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.05 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.583755 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-4.5999999	-4.6 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.28 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128036.61
Prev1PreAttnComp_MtrNm_M_f32	8.5
Prev1SclDrvVel_RadpS_M_f32	5000.03
Prev2PreAttnComp_MtrNm_M_f32	7.7
Prev2SclDrvVel_RadpS_M_f32	-38.3
PrevTbarAng_HwDeg_M_f32	0.66
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.32
k_CmnTbarStiff_NmpDeg_f32	5.2
k_DmpDecelGainFSlew_UlspS_f32	100.05
k_DmpDecelGain_Uls_f32	4.8
k_DmpGainOffThresh_KphpS_f32	25.3
k_DmpGainOnThresh_KphpS_f32	4.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00038
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	169
t_FDD_BlendTblY_Uls_u8p8[11]	172
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76
t_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	4.4
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	0
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	2.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	5.5
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_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	128036.406	128036.4099 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	34435492	34435493.31 ± 99.9	✔
Prev1SclDrvVel_RadpS_M_f32	130.127335	130.127343 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	5000.02979	5000.03 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076923 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.261120796	0.261126154 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	5.5	5.5 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.29 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128138.585
Prev1PreAttnComp_MtrNm_M_f32	-8.5
Prev1SclDrvVel_RadpS_M_f32	-26.3
Prev2PreAttnComp_MtrNm_M_f32	-6.6
Prev2SclDrvVel_RadpS_M_f32	175.2
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.1
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.12
k_CmnTbarStiff_NmpDeg_f32	6.8
k_DmpDecelGainFSlew_UlspS_f32	200.02
k_DmpDecelGain_Uls_f32	5.9
k_DmpGainOffThresh_KphpS_f32	30.2
k_DmpGainOnThresh_KphpS_f32	8.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376
t2_FDD_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_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]	4915
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	6554
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	8192
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	9830
t_DmpFiltKpWlRBIndY_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]	1616
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400
t_FDD_AttenTblY_Uls_u8p8[0]	172
t_FDD_AttenTblY_Uls_u8p8[1]	174
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
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	-4.4
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-650.08
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	315.04
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	4.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-5.6
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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	128138.188	128138.185 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469.0063 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-64.6186523	-64.61864443 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.3 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.115892294 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-5.5999999	-5.6 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.30 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	128240.56
Prev1PreAttnComp_MtrNm_M_f32	1.3
Prev1SclDrvVel_RadpS_M_f32	18.2
Prev2PreAttnComp_MtrNm_M_f32	6.6
Prev2SclDrvVel_RadpS_M_f32	-120.8
PrevTbarAng_HwDeg_M_f32	20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.13
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	300.03
k_DmpDecelGain_Uls_f32	5.8
k_DmpGainOffThresh_KphpS_f32	35.3
k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312
t_CmnVehSpd_Kph_u9p7[0]	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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	241
t_FDD_BlendTblY_Uls_u8p8[11]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_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	110.05
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.03
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.3
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.8
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_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	128239.961	128239.9599 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	224855.719	224855.71732493 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358127289631 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	20	20	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	6.80000019	6.8 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.31 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1SclDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2SclDrvVel_RadpS_M_f32	-380.2
PrevTbarAng_HwDeg_M_f32	-3.06
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.4488
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k_CmnTbarStiff_NmpDeg_f32	3.1
k_DmpDecelGainFSlew_UlspS_f32	1900.08
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t2_FDD_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

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]	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_UIspS_u13p3[0]	448
t_DmpDecelGainSlewY_UIspS_u13p3[1]	456
t_DmpDecelGainSlewY_UIspS_u13p3[2]	464
t_DmpDecelGainSlewY_UIspS_u13p3[3]	472
t_DmpDecelGainSlewY_UIspS_u13p3[4]	480
t_DmpDecelGainSlewY_UIspS_u13p3[5]	488
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	6554
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	8192
t_DmpFiltKpWIRBIndY_UIs_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_UIs_u8p8[0]	237
t_FDD_AttenTblY_UIs_u8p8[1]	239
t_FDD_BlendTblY_UIs_u8p8[0]	20
t_FDD_BlendTblY_UIs_u8p8[1]	23
t_FDD_BlendTblY_UIs_u8p8[2]	26
t_FDD_BlendTblY_UIs_u8p8[3]	28
t_FDD_BlendTblY_UIs_u8p8[4]	31
t_FDD_BlendTblY_UIs_u8p8[5]	33
t_FDD_BlendTblY_UIs_u8p8[6]	36
t_FDD_BlendTblY_UIs_u8p8[7]	38
t_FDD_BlendTblY_UIs_u8p8[8]	41
t_FDD_BlendTblY_UIs_u8p8[9]	44

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	46
t_FDD_BlendTblY_Uls_u8p8[11]	49
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	-1.1
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.03
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.01
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.5
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.8
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	45674.1992	45674.19984 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.8 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.32 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127628.71
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.6
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	175.3
PrevTbarAng_HwDeg_M_f32	1.154
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.2
TbarVelFiltSv_M_str.K_Uls_f32	0.5599
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.06
k_CmnTbarStiff_NmpDeg_f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	200.09
k_DmpDecelGain_Uls_f32	2.8
k_DmpGainOffThresh_KphpS_f32	22.2
k_DmpGainOnThresh_KphpS_f32	24.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[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_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]	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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15
t_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	2.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.06
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.02
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	8.8
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	127628.313	127628.3098 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.2916 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.8 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.33 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	127730.685
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.23
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2SclDrvVel_RadpS_M_f32	-120.1
PrevTbarAng_HwDeg_M_f32	-0.554
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.02
k_CmnTbarStiff_NmpDeg_f32	2.7
k_DmpDecelGainFSlew_UlspS_f32	300.06
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2
k_DmpGainOnThresh_KphpS_f32	32.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080
t_FDD_AttenTblY_Uls_u8p8[0]	65
t_FDD_AttenTblY_Uls_u8p8[1]	68
t_FDD_BlendTblY_Uls_u8p8[0]	65
t_FDD_BlendTblY_Uls_u8p8[1]	68
t_FDD_BlendTblY_Uls_u8p8[2]	70
t_FDD_BlendTblY_Uls_u8p8[3]	73
t_FDD_BlendTblY_Uls_u8p8[4]	75
t_FDD_BlendTblY_Uls_u8p8[5]	78
t_FDD_BlendTblY_Uls_u8p8[6]	80
t_FDD_BlendTblY_Uls_u8p8[7]	83
t_FDD_BlendTblY_Uls_u8p8[8]	86
t_FDD_BlendTblY_Uls_u8p8[9]	88

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	91
t_FDD_BlendTblY_Uls_u8p8[11]	93
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64
t_InrtCmp_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	-2.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.14
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.02
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.06
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	0
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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_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	127730.0849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.78752 ± 0.09	✔
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.6753087 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.23 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.836055556 ± 0.00390625	✔
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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.34 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126812.91
Prev1PreAttnComp_MtrNm_M_f32	-7.7
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2SclDrvVel_RadpS_M_f32	-297.3
PrevTbarAng_HwDeg_M_f32	1.145
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.2
k_DmpGainOnThresh_KphpS_f32	35.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	241
t_FDD_BlendTblY_Uls_u8p8[11]	243
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64
t_InrtCmp_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	-5.4
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.2
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.3
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.05
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.05
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.7
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	7.3
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_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_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	126812.91 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	7.30000019	7.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Test Step 3.35 (Repeat Count = 1) ✔

Name	Input Value
PreDecelGain_Uls_M_f32	126914.885
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.2
PrevTbarAng_HwDeg_M_f32	-0.979
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.3
TbarVelFiltSv_M_str.K_Uls_f32	0.096321
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpDecelGainFSlew_UlspS_f32	1300.06
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	12.2
k_DmpGainOnThresh_KphpS_f32	40.1
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638
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

Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154
t_InrtCmp_ScaleFactorTblY_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	-200.4
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.06
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.03
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	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	126912.281	126912.2849 ± 0.0625	✔
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✔
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✔
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	✔
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.19999981	-8.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✔
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✔

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
Test Object	DriverVelCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	************************************Unit Test Description************************************ Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Test Case 1: Boundary Test ✔

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

CPU Cycles:

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

Description   Test Vector Description

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

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118

Name	Input Value
HwTorque_HwNm_T_f32	-10
PrevTbarAng_HwDeg_M_f32	-20
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848
VehicleSpeed_Kph_T_f32	0
k_CmnSysKinRatio_MtrDegpHwDeg_f32	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	-6.658327638 ± 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	6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.715390457
VehicleSpeed_Kph_T_f32	511.9921875
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128		

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-10740.3115	-10740.31169 ± 0.09	✔
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6794.31201	-6794.311935 ± 0.00390625	✔

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	-8.33
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
VehicleSpeed_Kph_T_f32	100.02
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15

Name	Actual Value	Expected Value	Result
DriverVelCalc()	90.4685822	90.46858168 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.890704095	0.890688873 ± 0.00390625	✔

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	-100.6
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	3.9995
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697
TbarVelFiltSv_M_str.K_Uls_f32	0.2365

Name	Input Value
VehicleSpeed_Kph_T_f32	200.03
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3
k_CmnTbarStiff_NmpDeg_f32	2.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	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	-80.39208153 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	4	4 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.86838663	1.86839095 ± 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	200.2	
HwTorque_HwNm_T_f32	0	
PrevTbarAng_HwDeg_M_f32	0.01	
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145	
TbarVelFiltSv_M_str.K_Uls_f32	0.35874	
VehicleSpeed_Kph_T_f32	300.05	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.4	
k_CmnTbarStiff_NmpDeg_f32	3.4	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7	
t_CmnVehSpd_Kph_u9p7[0]	6784	
t_CmnVehSpd_Kph_u9p7[1]	6912	
t_CmnVehSpd_Kph_u9p7[2]	7040	
t_CmnVehSpd_Kph_u9p7[3]	7168	
t_CmnVehSpd_Kph_u9p7[4]	7296	
t_CmnVehSpd_Kph_u9p7[5]	7424	
t_CmnVehSpd_Kph_u9p7[6]	7552	
t_CmnVehSpd_Kph_u9p7[7]	7680	
t_CmnVehSpd_Kph_u9p7[8]	7808	
t_CmnVehSpd_Kph_u9p7[9]	7936	
t_CmnVehSpd_Kph_u9p7[10]	8064	
t_CmnVehSpd_Kph_u9p7[11]	8192	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17	

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		

Name	Actual Value	Expected Value	Result
DriverVelCalc()	140.161072	140.161078 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.267630339	0.26763027 ± 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	-200.1	
HwTorque_HwNm_T_f32	-5.5	
PrevTbarAng_HwDeg_M_f32	-1.221	
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623	
TbarVelFiltSv_M_str.K_Uls_f32	0.47856	
VehicleSpeed_Kph_T_f32	400.06	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.5	
k_CmnTbarStiff_NmpDeg_f32	4.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20	

Name	**Actual Value**	**Expected Value**	**Result**
DriverVelCalc()	-119.829559	-119.8295518 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.22222221	-1.222222222 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.08650517	2.086512379 ± 0.00390625	✔

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	300.03	
HwTorque_HwNm_T_f32	5.2	
PrevTbarAng_HwDeg_M_f32	0.92987	
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745	
TbarVelFiltSv_M_str.K_Uls_f32	0.58963	
VehicleSpeed_Kph_T_f32	123.07	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.6	
k_CmnTbarStiff_NmpDeg_f32	5.6	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5	

Name	Input Value
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22

Name	Actual Value	Expected Value	Result
DriverVelCalc()	150.29483	150.2948274 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	0.928571403	0.928571429 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.02786994	2.027880229 ± 0.00390625	✓

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	1.6
PrevTbarAng_HwDeg_M_f32	0.2461
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
VehicleSpeed_Kph_T_f32	150.08
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.8
k_CmnTbarStiff_NmpDeg_f32	6.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-447.362946	-447.3629225 ± 0.0009	✓

© Report created by TESSY V3.1.7, report template V2.1

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

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	-1.2
PrevTbarAng_HwDeg_M_f32	-0.15321
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124
TbarVelFiltSv_M_str.K_Uls_f32	0.014785
VehicleSpeed_Kph_T_f32	16.25
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.1
k_CmnTbarStiff_NmpDeg_f32	7.8
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24

Name	Actual Value	Expected Value	Result
DriverVelCalc()	335.105377	335.1053608 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.153846154 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.082514427 ± 0.00390625	✔

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

Name	Input Value
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	-1.15806835 ± 0.000009	✔
PrevTbarAng_HwDeg_M_f32	0.271604925	0.271604938 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-4.41246414	-4.412463974 ± 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	-2.7
PrevTbarAng_HwDeg_M_f32	-0.292
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412
TbarVelFiltSv_M_str.K_Uls_f32	0.03698
VehicleSpeed_Kph_T_f32	22.51
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.5
k_CmnTbarStiff_NmpDeg_f32	9.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-47.2626114	-47.26260964 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.29347828	-0.293478261 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-5.55622387	-5.556223467 ± 0.00390625	✔

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	3.6
PrevTbarAng_HwDeg_M_f32	2.39
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587
TbarVelFiltSv_M_str.K_Uls_f32	0.02547
VehicleSpeed_Kph_T_f32	33.25
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.2
k_CmnTbarStiff_NmpDeg_f32	1.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61

Name	Actual Value	Expected Value	Result
DriverVelCalc()	360.101318	360.1013205 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	2.39999986	2.4 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.35398781	1.353990911 ± 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	-300.12
HwTorque_HwNm_T_f32	-3.1
PrevTbarAng_HwDeg_M_f32	-1.239
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697
TbarVelFiltSv_M_str.K_Uls_f32	0.02145
VehicleSpeed_Kph_T_f32	0
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.3
k_CmnTbarStiff_NmpDeg_f32	2.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024

Name	Input Value
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-239.688934	-239.6889354 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-1.24000001	-1.24 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.30814433	2.308144935 ± 0.00390625	✓

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	699.23	
HwTorque_HwNm_T_f32	4.2	
PrevTbarAng_HwDeg_M_f32	1.191	
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145	
TbarVelFiltSv_M_str.K_Uls_f32	0.03692	
VehicleSpeed_Kph_T_f32	511.9921875	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.5	
k_CmnTbarStiff_NmpDeg_f32	3.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86	

Name	Actual Value	Expected Value	Result
DriverVelCalc()	693.519104	693.5191138 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	1.19999993	1.2 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.26195955	3.26196066 ± 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	-500.45
HwTorque_HwNm_T_f32	-4.5
PrevTbarAng_HwDeg_M_f32	-0.997
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623
TbarVelFiltSv_M_str.K_Uls_f32	0.01258
VehicleSpeed_Kph_T_f32	55.52
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4
k_CmnTbarStiff_NmpDeg_f32	4.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-297.880035	-297.8800114 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1	-1 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.4860363	4.486036266 ± 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	600.63
HwTorque_HwNm_T_f32	-10
PrevTbarAng_HwDeg_M_f32	-20
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
VehicleSpeed_Kph_T_f32	17.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.6
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110

Name	Input Value
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122

Name	Actual Value	Expected Value	Result
DriverVelCalc()	305.571442	305.5714494 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.68316746	5.683167535 ± 0.00390625	✔

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	-600.84
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	20
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369
TbarVelFiltSv_M_str.K_Uls_f32	0.096321
VehicleSpeed_Kph_T_f32	27.95
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.5
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-240.374832	-240.3748238 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.1408155	-2.140815551 ± 0.00390625	✔

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	150.14

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

Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.95184416 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	0.00499999989	0.005 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.85488033	-2.854880352 ± 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	-150.62
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-0.889
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511
TbarVelFiltSv_M_str.K_Uls_f32	0.2356
VehicleSpeed_Kph_T_f32	11.03
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.2
k_CmnTbarStiff_NmpDeg_f32	8.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12

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

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	250.24			
HwTorque_HwNm_T_f32	8.2			
PrevTbarAng_HwDeg_M_f32	0.861			
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412			
TbarVelFiltSv_M_str.K_Uls_f32	0.3479			
VehicleSpeed_Kph_T_f32	33.04			
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.3			
k_CmnTbarStiff_NmpDeg_f32	9.5			
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1			
t_CmnVehSpd_Kph_u9p7[0]	10368			
t_CmnVehSpd_Kph_u9p7[1]	10496			
t_CmnVehSpd_Kph_u9p7[2]	10624			
t_CmnVehSpd_Kph_u9p7[3]	10752			
t_CmnVehSpd_Kph_u9p7[4]	10880			
t_CmnVehSpd_Kph_u9p7[5]	11008			
t_CmnVehSpd_Kph_u9p7[6]	11136			
t_CmnVehSpd_Kph_u9p7[7]	11264			
t_CmnVehSpd_Kph_u9p7[8]	11392			
t_CmnVehSpd_Kph_u9p7[9]	11520			
t_CmnVehSpd_Kph_u9p7[10]	11648			
t_CmnVehSpd_Kph_u9p7[11]	11776			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20			
Name	**Actual Value**	**Expected Value**		**Result**
DriverVelCalc()	24.7503471	24.7503467 ± 0.00009		✔
PrevTbarAng_HwDeg_M_f32	0.863157868	0.863157895 ± 0.00390625		✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.36847568	-3.368470731 ± 0.00390625		✔

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	-250.62	
HwTorque_HwNm_T_f32	-8.5	
PrevTbarAng_HwDeg_M_f32	-16.997	
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587	
TbarVelFiltSv_M_str.K_Uls_f32	0.2244	

Name	Input Value
VehicleSpeed_Kph_T_f32	44.05
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-225.52951	-225.5295319 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-17	-17 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0.639618635	0.63964772 ± 0.00390625	✔

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	350.14
HwTorque_HwNm_T_f32	9.2
PrevTbarAng_HwDeg_M_f32	0.919
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697
TbarVelFiltSv_M_str.K_Uls_f32	0.3366
VehicleSpeed_Kph_T_f32	376.06
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.8
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23		

Name	Actual Value	Expected Value	Result
DriverVelCalc()	350.286285	350.2862746 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.919999957	0.92 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.74034667	1.74035898 ± 0.00390625	✔

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	-350.36	
HwTorque_HwNm_T_f32	-9.21	
PrevTbarAng_HwDeg_M_f32	-1.841	
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145	
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001	
VehicleSpeed_Kph_T_f32	265.02	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5	
k_CmnTbarStiff_NmpDeg_f32	5.25	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24	

Name	**Actual Value**	**Expected Value**	**Result**
DriverVelCalc()	-244.585281	-244.585297	✔
PrevTbarAng_HwDeg_M_f32	-1.75428569	-1.75428571428571 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	3.80800867	3.80800891	✔

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	450.52	
HwTorque_HwNm_T_f32	1.5	
PrevTbarAng_HwDeg_M_f32	1.154	
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623	
TbarVelFiltSv_M_str.K_Uls_f32	0.5599	
VehicleSpeed_Kph_T_f32	187.06	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	1.3	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6	

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

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

Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.84894514	4.848943456 ± 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	-689.69	
HwTorque_HwNm_T_f32	2.5	
PrevTbarAng_HwDeg_M_f32	0.805	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369	
TbarVelFiltSv_M_str.K_Uls_f32	0.2365	
VehicleSpeed_Kph_T_f32	2.06	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	25.45	
k_CmnTbarStiff_NmpDeg_f32	3.1	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89	
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	-614.096787907239 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6370784	-1.637078274 ± 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	-111.41	
HwTorque_HwNm_T_f32	-2.5	
PrevTbarAng_HwDeg_M_f32	-0.518	
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124	
TbarVelFiltSv_M_str.K_Uls_f32	0.35874	
VehicleSpeed_Kph_T_f32	267.07	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.5	
k_CmnTbarStiff_NmpDeg_f32	4.8	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3	
t_CmnVehSpd_Kph_u9p7[0]	0	
t_CmnVehSpd_Kph_u9p7[1]	0	
t_CmnVehSpd_Kph_u9p7[2]	0	
t_CmnVehSpd_Kph_u9p7[3]	0	

Name	Input Value
t_CmnVehSpd_Kph_u9p7[4]	0
t_CmnVehSpd_Kph_u9p7[5]	0
t_CmnVehSpd_Kph_u9p7[6]	0
t_CmnVehSpd_Kph_u9p7[7]	0
t_CmnVehSpd_Kph_u9p7[8]	0
t_CmnVehSpd_Kph_u9p7[9]	0
t_CmnVehSpd_Kph_u9p7[10]	0
t_CmnVehSpd_Kph_u9p7[11]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-35.2845802	-35.2845812 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-2.51150656	-2.51151124 ± 0.00390625	✔

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	222.62	
HwTorque_HwNm_T_f32	3.5	
PrevTbarAng_HwDeg_M_f32	0.671	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511	
TbarVelFiltSv_M_str.K_Uls_f32	0.47856	
VehicleSpeed_Kph_T_f32	510.03	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.2	
k_CmnTbarStiff_NmpDeg_f32	5.2	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2	
t_CmnVehSpd_Kph_u9p7[0]	32640	
t_CmnVehSpd_Kph_u9p7[1]	32640	
t_CmnVehSpd_Kph_u9p7[2]	32640	
t_CmnVehSpd_Kph_u9p7[3]	32640	
t_CmnVehSpd_Kph_u9p7[4]	32640	
t_CmnVehSpd_Kph_u9p7[5]	32640	
t_CmnVehSpd_Kph_u9p7[6]	32640	
t_CmnVehSpd_Kph_u9p7[7]	32640	
t_CmnVehSpd_Kph_u9p7[8]	32640	
t_CmnVehSpd_Kph_u9p7[9]	32640	
t_CmnVehSpd_Kph_u9p7[10]	32640	
t_CmnVehSpd_Kph_u9p7[11]	32640	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86	

Name	Actual Value	Expected Value	Result
DriverVelCalc()	43.5075684	43.50756976 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076923 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.87615919	-1.87615943 ± 0.00390625	✔

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	-222.15
HwTorque_HwNm_T_f32	-3.5
PrevTbarAng_HwDeg_M_f32	-0.5134
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
VehicleSpeed_Kph_T_f32	467.08
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1
k_CmnTbarStiff_NmpDeg_f32	6.8
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-23.2337227	-23.23372292 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 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 1.30 (Repeat Count = 1) ✔

Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	333.17
HwTorque_HwNm_T_f32	4.5
PrevTbarAng_HwDeg_M_f32	0.614
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
VehicleSpeed_Kph_T_f32	166.92
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.6
k_CmnTbarStiff_NmpDeg_f32	7.3
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024

Name	Input Value
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0

Name	Actual Value	Expected Value	Result
DriverVelCalc()	133.268005	133.268 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.616438329	0.616438356 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	1.23370099	1.233716615 ± 0.00390625	✔

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	-333.62
HwTorque_HwNm_T_f32	-4.5
PrevTbarAng_HwDeg_M_f32	-0.917
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697
TbarVelFiltSv_M_str.K_Uls_f32	0.014785
VehicleSpeed_Kph_T_f32	10.05
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.8
k_CmnTbarStiff_NmpDeg_f32	4.9
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-198.679001	-198.6789815 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.918367326	-0.918367347 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.324555873 ± 0.00390625	✔

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	444.52
HwTorque_HwNm_T_f32	5.5
PrevTbarAng_HwDeg_M_f32	1.056
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
VehicleSpeed_Kph_T_f32	377.06
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5
k_CmnTbarStiff_NmpDeg_f32	5.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72

Name	Actual Value	Expected Value	Result
DriverVelCalc()	402.516144	402.5161456 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	1.05769229	1.057692308 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.916562054 ± 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	-699.63
HwTorque_HwNm_T_f32	-5.5
PrevTbarAng_HwDeg_M_f32	-0.89
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623
TbarVelFiltSv_M_str.K_Uls_f32	0.2365
VehicleSpeed_Kph_T_f32	38.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	29.2
k_CmnTbarStiff_NmpDeg_f32	6.1
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87

Name	Input Value			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97			
Name	**Actual Value**	**Expected Value**		**Result**
DriverVelCalc()	0.81372714	0.813727562 ± 0.0000009		✔
PrevTbarAng_HwDeg_M_f32	-0.901639342	-0.901639344 ± 0.00390625		✔
TbarVelFiltSv_M_str.SV_Uls_f32	2.10696244	2.106963591 ± 0.00390625		✔

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	555.74			
HwTorque_HwNm_T_f32	6.5			
PrevTbarAng_HwDeg_M_f32	0.83			
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745			
TbarVelFiltSv_M_str.K_Uls_f32	0.35874			
VehicleSpeed_Kph_T_f32	1.18			
k_CmnSysKinRatio_MtrDegpHwDeg_f32	56.5			
k_CmnTbarStiff_NmpDeg_f32	7.8			
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1			
t_CmnVehSpd_Kph_u9p7[0]	2560			
t_CmnVehSpd_Kph_u9p7[1]	3840			
t_CmnVehSpd_Kph_u9p7[2]	5120			
t_CmnVehSpd_Kph_u9p7[3]	6400			
t_CmnVehSpd_Kph_u9p7[4]	7680			
t_CmnVehSpd_Kph_u9p7[5]	8960			
t_CmnVehSpd_Kph_u9p7[6]	10240			
t_CmnVehSpd_Kph_u9p7[7]	11520			
t_CmnVehSpd_Kph_u9p7[8]	12800			
t_CmnVehSpd_Kph_u9p7[9]	14080			
t_CmnVehSpd_Kph_u9p7[10]	15360			
t_CmnVehSpd_Kph_u9p7[11]	16640			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122			
Name	**Actual Value**	**Expected Value**		**Result**
DriverVelCalc()	559.405396	559.4054289 ± 0.0009		✔
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333333 ± 0.00390625		✔
TbarVelFiltSv_M_str.SV_Uls_f32	4.36498117	4.36498187 ± 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	-555.81	

Name	Input Value
HwTorque_HwNm_T_f32	-6.5
PrevTbarAng_HwDeg_M_f32	-0.78
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
VehicleSpeed_Kph_T_f32	276.19
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3
k_CmnTbarStiff_NmpDeg_f32	8.3
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-278.061462	-278.0614576 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.78313253 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.984843167 ± 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	666.86
HwTorque_HwNm_T_f32	7.5
PrevTbarAng_HwDeg_M_f32	0.799
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848
VehicleSpeed_Kph_T_f32	354.2
k_CmnSysKinRatio_MtrDegpHwDeg_f32	64.4
k_CmnTbarStiff_NmpDeg_f32	9.3
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53

Name	Input Value
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61

Name	Actual Value	Expected Value	Result
DriverVelCalc()	331.76123	331.7612295 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-3.11539769	-3.115397684 ± 0.00390625	✔

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	-666.71
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-6.249
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511
TbarVelFiltSv_M_str.K_Uls_f32	0.715390457
VehicleSpeed_Kph_T_f32	254.52
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-267.125366	-267.1254046 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-6.24999952	-6.25 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6527853	-1.65298172 ± 0.00390625	✔

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	134.52
HwTorque_HwNm_T_f32	8.5
PrevTbarAng_HwDeg_M_f32	3.86
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412
TbarVelFiltSv_M_str.K_Uls_f32	0.58746

Name	Input Value		
VehicleSpeed_Kph_T_f32	154.63		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.1		
k_CmnTbarStiff_NmpDeg_f32	2.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	**Actual Value**	**Expected Value**	**Result**
DriverVelCalc()	39.8233643	39.8233612 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	3.86363626	3.863636364 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-1.30036688	-1.300365557 ± 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	-463.91	
HwTorque_HwNm_T_f32	-8.5	
PrevTbarAng_HwDeg_M_f32	-2.35	
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667	
TbarVelFiltSv_M_str.K_Uls_f32	0.35874	
VehicleSpeed_Kph_T_f32	55.24	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6	
k_CmnTbarStiff_NmpDeg_f32	3.6	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2	
t_CmnVehSpd_Kph_u9p7[0]	3968	
t_CmnVehSpd_Kph_u9p7[1]	4096	
t_CmnVehSpd_Kph_u9p7[2]	4224	
t_CmnVehSpd_Kph_u9p7[3]	4352	
t_CmnVehSpd_Kph_u9p7[4]	4480	
t_CmnVehSpd_Kph_u9p7[5]	4608	
t_CmnVehSpd_Kph_u9p7[6]	4736	
t_CmnVehSpd_Kph_u9p7[7]	4864	
t_CmnVehSpd_Kph_u9p7[8]	4992	
t_CmnVehSpd_Kph_u9p7[9]	5120	
t_CmnVehSpd_Kph_u9p7[10]	5248	
t_CmnVehSpd_Kph_u9p7[11]	5376	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44	

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-93.6095047	-93.60949919 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.361111111 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.268088042 ± 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	263.42
HwTorque_HwNm_T_f32	9.5
PrevTbarAng_HwDeg_M_f32	2.25
TbarVelFiltSv_M_str.SV_Uls_f32	6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.2874
VehicleSpeed_Kph_T_f32	444.52
k_CmnSysKinRatio_MtrDegpHwDeg_f32	21.7
k_CmnTbarStiff_NmpDeg_f32	4.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61

Name	Actual Value	Expected Value	Result
DriverVelCalc()	27.5082359	27.50822923 ± 0.00009	✔
PrevTbarAng_HwDeg_M_f32	2.26190495	2.261904762 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	6.46143246	6.461404706 ± 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	-522.63
HwTorque_HwNm_T_f32	-9.5
PrevTbarAng_HwDeg_M_f32	-1.819
TbarVelFiltSv_M_str.SV_Uls_f32	0
TbarVelFiltSv_M_str.K_Uls_f32	0.025479
VehicleSpeed_Kph_T_f32	333.62
k_CmnSysKinRatio_MtrDegpHwDeg_f32	45.8
k_CmnTbarStiff_NmpDeg_f32	5.2
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9

Name	Input Value
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-470.382141	-470.3821283 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-1.82692313	-1.826923077 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.100936038 ± 0.00390625	✔

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	357.25	
HwTorque_HwNm_T_f32	1.563	
PrevTbarAng_HwDeg_M_f32	0.251	
TbarVelFiltSv_M_str.SV_Uls_f32	5.6987	
TbarVelFiltSv_M_str.K_Uls_f32	0.03698	
VehicleSpeed_Kph_T_f32	222.42	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	76.9	
k_CmnTbarStiff_NmpDeg_f32	6.2	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8	
t_CmnVehSpd_Kph_u9p7[0]	6784	
t_CmnVehSpd_Kph_u9p7[1]	6912	
t_CmnVehSpd_Kph_u9p7[2]	7040	
t_CmnVehSpd_Kph_u9p7[3]	7168	
t_CmnVehSpd_Kph_u9p7[4]	7296	
t_CmnVehSpd_Kph_u9p7[5]	7424	
t_CmnVehSpd_Kph_u9p7[6]	7552	
t_CmnVehSpd_Kph_u9p7[7]	7680	
t_CmnVehSpd_Kph_u9p7[8]	7808	
t_CmnVehSpd_Kph_u9p7[9]	7936	
t_CmnVehSpd_Kph_u9p7[10]	8064	
t_CmnVehSpd_Kph_u9p7[11]	8192	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40	

Name	Actual Value	Expected Value	Result
DriverVelCalc()	288.110321	288.1102911 ± 0.0009	✔

Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	0.252096772	0.252096774 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	5.50824165	5.508241429 ± 0.00390625	✔

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	-464.25	
HwTorque_HwNm_T_f32	-2.645	
PrevTbarAng_HwDeg_M_f32	-0.3525	
TbarVelFiltSv_M_str.SV_Uls_f32	-5.1423	
TbarVelFiltSv_M_str.K_Uls_f32	0.024588	
VehicleSpeed_Kph_T_f32	111.52	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5	
k_CmnTbarStiff_NmpDeg_f32	7.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47	
Name	**Actual Value**	**Expected Value**	**Result**
DriverVelCalc()	-326.341705	-326.3417122 ± 0.0009	✔
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666667 ± 0.00390625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	-5.01791048	-5.017910128 ± 0.00390625	✔

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

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
Test Object	ADDCoefCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	***************************************Unit Test Description*********************************** Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Test Case 1: Boundary Test ✔

Specification

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

CPU Cycles:

TS1.1    1418.00 Cycles
TS1.2    1407.00 Cycles
TS1.3    1440.00 Cycles
TS1.4    1497.00 Cycles
TS1.5    1395.00 Cycles
TS1.6    1440.00 Cycles
TS1.7    1549.00 Cycles
TS1.8    1383.00 Cycles
TS1.9    1395.00 Cycles
TS1.10   1407.00 Cycles
TS1.11   1383.00 Cycles
TS1.12   1689.00 Cycles
TS1.13   1395.00 Cycles
TS1.14   1566.00 Cycles
TS1.15   1395.00 Cycles
TS1.16   1395.00 Cycles
TS1.17   1429.00 Cycles
TS1.18   1395.00 Cycles
TS1.19   1395.00 Cycles
TS1.20   1395.00 Cycles
TS1.21   1395.00 Cycles
TS1.22   1395.00 Cycles
TS1.23   1395.00 Cycles
TS1.24   1429.00 Cycles
TS1.25   1429.00 Cycles
TS1.26   1407.00 Cycles
TS1.27   1395.00 Cycles
TS1.28   1395.00 Cycles
TS1.29   1407.00 Cycles
TS1.30   1611.00 Cycles
TS1.31   1429.00 Cycles
TS1.32   1395.00 Cycles
TS1.33   1395.00 Cycles
TS1.34   1395.00 Cycles
TS1.35   1395.00 Cycles
TS1.36   1407.00 Cycles
TS1.37   1407.00 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	-8.8
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	8.8
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_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	0.050003052 ± 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	-8.8
VehicleSpeed_Kph_T_f32	12.32
WIRCmdAmpBlnd_MtrNm_T_f32	5.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_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	0.036934882 ± 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	8.8
VehicleSpeed_Kph_T_f32	24
WIRCmdAmpBlnd_MtrNm_T_f32	6.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800

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	7.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924

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_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()	0.00668188976	0.00668189 ± 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	48.12
WIRCmdAmpBlnd_MtrNm_T_f32	8.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	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

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	0.017461608 ± 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	-5.45
VehicleSpeed_Kph_T_f32	60
WIRCmdAmpBlnd_MtrNm_T_f32	5.2
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	1.1
VehicleSpeed_Kph_T_f32	72.35
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	0.010703144 ± 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	1.2
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480

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	0.012117026 ± 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	1.3
VehicleSpeed_Kph_T_f32	96.14
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	
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	0.013087993 ± 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	1.4
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBlnd_MtrNm_T_f32	1.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
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	0.004171648 ± 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	511.9921875
WIRCmdAmpBlnd_MtrNm_T_f32	1.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024

Name	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	0.018541932 ± 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	1.6
VehicleSpeed_Kph_T_f32	100.21
WIRCmdAmpBlnd_MtrNm_T_f32	1.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_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	0.008724146 ± 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	1.7
VehicleSpeed_Kph_T_f32	108
WIRCmdAmpBlnd_MtrNm_T_f32	1.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494

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	0.025406454 ± 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	1.8
VehicleSpeed_Kph_T_f32	120.14
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_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]	4915
t_RIAstWIRBlndTblY_Uls_u2p14[1]	6554
t_RIAstWIRBlndTblY_Uls_u2p14[2]	8192
t_RIAstWIRBlndTblY_Uls_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		0.002860071 ± 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	1.9
VehicleSpeed_Kph_T_f32	132
WIRCmdAmpBlnd_MtrNm_T_f32	1.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t_DmpADDCoefX_MtrNm_u4p12[2]	9421
t_DmpADDCoefX_MtrNm_u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t_DmpADDCoefX_MtrNm_u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_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	0.002365402 ± 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	1.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0
t2_FDD_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	0.032778516 ± 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	156.12
WIRCmdAmpBlnd_MtrNm_T_f32	1.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_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	0.008107823 ± 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	1.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

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	0.004809176 ± 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	180.21
WIRCmdAmpBlnd_MtrNm_T_f32	2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
t2_FDD_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

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	0.00464859 ± 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	2.1
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	0.0092985 ± 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	2.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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	0.002468318 ± 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	2.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553

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	0.001001636 ± 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	2.4
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	0.03860521 ± 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	0.022682133 ± 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	252.24	
WIRCmdAmpBlnd_MtrNm_T_f32	2.6	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387	
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	0.010428317 ± 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	2.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774

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	0.011707067 ± 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	276.14	
WIRCmdAmpBlnd_MtrNm_T_f32	2.8	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878	

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	0.011896921 ± 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	2.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
t_FDD_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	0.013648987 ± 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	3.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_DmpADDCoefX_MtrNm_u4p12[0]	28262
t_DmpADDCoefX_MtrNm_u4p12[1]	28672
t_DmpADDCoefX_MtrNm_u4p12[2]	29082
t_DmpADDCoefX_MtrNm_u4p12[3]	29491
t_DmpADDCoefX_MtrNm_u4p12[4]	29901
t_DmpADDCoefX_MtrNm_u4p12[5]	30310
t_DmpADDCoefX_MtrNm_u4p12[6]	30720
t_DmpADDCoefX_MtrNm_u4p12[7]	31130
t_DmpADDCoefX_MtrNm_u4p12[8]	31539
t_DmpADDCoefX_MtrNm_u4p12[9]	31949
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494

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	0.015552461 ± 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	3.1
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	0.0253202 ± 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	324.14
WIRCmdAmpBlnd_MtrNm_T_f32	3.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024

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	0.00270421 ± 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	3.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
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_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]	3277
t_RIAstWIRBlndTblY_UIs_u2p14[1]	4915
t_RIAstWIRBlndTblY_UIs_u2p14[2]	6554
t_RIAstWIRBlndTblY_UIs_u2p14[3]	8192

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	0.004173564 ± 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	2.9	
VehicleSpeed_Kph_T_f32	348.14	
WIRCmdAmpBlnd_MtrNm_T_f32	3.4	
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	0.006148417 ± 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	3.7
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	0.003990173 ± 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	-3.69
VehicleSpeed_Kph_T_f32	372.14
WIRCmdAmpBlnd_MtrNm_T_f32	3.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

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	0.00827023 ± 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	3.9
VehicleSpeed_Kph_T_f32	384.25
WIRCmdAmpBlnd_MtrNm_T_f32	3.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

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	0.008456621 ± 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 Call Trace		

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
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\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************Unit Test Description************************************ Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Test Case 1: Metrics Test ✔

Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS1.1 362.00 Cycles TS1.2 362.00 Cycles
Description	Test Vector Description: TS1.1 "Shortest Execution Path: (ScaledDriverVel_MtrRadpS_T_f32>=D_ATTENTBLMAXINPUT_MTRRADPS_F32)=True" TS1.2 "Longest Execution Path: (ScaledDriverVel_MtrRadpS_T_f32>=D_ATTENTBLMAXINPUT_MTRRADPS_F32)=False (ScaledDriverVel_MtrRadpS_T_f32<=D_ATTENTBLMININPUT_MTRRADPS_F32)=False"

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1SclDrvVel_RadpS_M_f32	22.2
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	10
ScaledDriverVel_MtrRadpS_T_f32	-7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.024534
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0000456
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0453
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3242
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.330669165	-0.330669151 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2 ± 0.00390625	✔

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	-2.2
Prev1SclDrvVel_RadpS_M_f32	-16.66
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2SclDrvVel_RadpS_M_f32	-3
ScaledDriverVel_MtrRadpS_T_f32	10.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.32
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.334564269	-0.334564171 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722	-0.738348516 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.66 ± 0.00390625	✔

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

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

CPU Cycles:

TS2.1    362.00 Cycles
TS2.2    362.00 Cycles
TS2.3    362.00 Cycles
TS2.4    362.00 Cycles
TS2.5    362.00 Cycles
TS2.6    362.00 Cycles
TS2.7    362.00 Cycles
TS2.8    374.00 Cycles
TS2.9    362.00 Cycles
TS2.10   362.00 Cycles
TS2.11   362.00 Cycles
TS2.12   374.00 Cycles
TS2.13   374.00 Cycles
TS2.14   374.00 Cycles
TS2.15   362.00 Cycles
TS2.16   362.00 Cycles
TS2.17   362.00 Cycles
TS2.18   362.00 Cycles
TS2.19   362.00 Cycles
TS2.20   374.00 Cycles
TS2.21   374.00 Cycles
TS2.22   374.00 Cycles
TS2.23   374.00 Cycles
TS2.24   362.00 Cycles
TS2.25   362.00 Cycles
TS2.26   362.00 Cycles
TS2.27   430.00 Cycles
TS2.28   362.00 Cycles
TS2.29   362.00 Cycles
TS2.30   362.00 Cycles
TS2.31   362.00 Cycles
TS2.32   362.00 Cycles
TS2.33   362.00 Cycles
TS2.34   362.00 Cycles
TS2.35   374.00 Cycles
TS2.36   362.00 Cycles
TS2.37   362.00 Cycles
TS2.38   362.00 Cycles
TS2.39   362.00 Cycles
TS2.40   374.00 Cycles
TS2.41   374.00 Cycles
TS2.42   362.00 Cycles
TS2.43   374.00 Cycles
TS2.44   362.00 Cycles
TS2.45   362.00 Cycles
TS2.46   374.00 Cycles
TS2.47   362.00 Cycles
TS2.48   362.00 Cycles
TS2.49   362.00 Cycles
TS2.50   362.00 Cycles
TS2.51   362.00 Cycles
```

Description	Test Vector Description

TS2.1 All min
TS2.2 All max
TS2.3 ScaledDriverVel_MtrRadpS_T_f32 = min
TS2.4 ScaledDriverVel_MtrRadpS_T_f32 = max
TS2.5 ScaledDriverVel_MtrRadpS_T_f32 = 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	-8.8
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-8.8
Prev2SclDrvVel_RadpS_M_f32	-12917.3
ScaledDriverVel_MtrRadpS_T_f32	-7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0
t_FDD_AttenTblY_Uls_u8p8[0]	0
t_FDD_AttenTblY_Uls_u8p8[1]	0
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.741562052
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.5525885
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9996842
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0	0 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	9012.61621	9012.617156 ± 0.009	✔
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	✔

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	8.8
Prev1SclDrvVel_RadpS_M_f32	12917.3
Prev2PreAttnComp_MtrNm_M_f32	8.8
Prev2SclDrvVel_RadpS_M_f32	12917.3
ScaledDriverVel_MtrRadpS_T_f32	7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600
t_FDD_AttenTblY_Uls_u8p8[0]	256
t_FDD_AttenTblY_Uls_u8p8[1]	256
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	2046.13135	2046.131531 ± 0.009	✔
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.131531 ± 0.009	✔
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	✔

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	1.1
Prev1SclDrvVel_RadpS_M_f32	22.2
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	10
ScaledDriverVel_MtrRadpS_T_f32	-7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.024534
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0000456
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0453
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3242
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.330669165	-0.330669151 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2 ± 0.00390625	✔

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	-1.1
Prev1SclDrvVel_RadpS_M_f32	-4.21
Prev2PreAttnComp_MtrNm_M_f32	-6.8
Prev2SclDrvVel_RadpS_M_f32	-2
ScaledDriverVel_MtrRadpS_T_f32	7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

Name	Input Value
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	352
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400
t_FDD_AttenTblY_Uls_u8p8[0]	65
t_FDD_AttenTblY_Uls_u8p8[1]	68
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0332
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.13456
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0005345
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45675
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.509668887	0.509668855 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.918753337 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21 ± 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	6.6
Prev1SclDrvVel_RadpS_M_f32	26.1
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2SclDrvVel_RadpS_M_f32	17.03
ScaledDriverVel_MtrRadpS_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120
t_FDD_AttenTblY_Uls_u8p8[0]	129
t_FDD_AttenTblY_Uls_u8p8[1]	131
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.782138526	0.78213851 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.552150842 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1 ± 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	-2.2
Prev1SclDrvVel_RadpS_M_f32	-16.66
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2SclDrvVel_RadpS_M_f32	-3
ScaledDriverVel_MtrRadpS_T_f32	10.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.157648206	0.157648289 ± 0.0000009	✓
Prev1PreAttnComp_MtrNm_M_f32	0.347913265	0.347913465 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.66 ± 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	3.3		
Prev1SclDrvVel_RadpS_M_f32	26.45		
Prev2PreAttnComp_MtrNm_M_f32	5.2		
Prev2SclDrvVel_RadpS_M_f32	17.12		
ScaledDriverVel_MtrRadpS_T_f32	-10.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16878		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.2		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.27867		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-1.8318522	-1.831852049 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-3.25662613	-3.256625864 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-10.3000002	-10.3 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.3 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.4500008	26.45 ± 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	-3.3		
Prev1SclDrvVel_RadpS_M_f32	-4.21		
Prev2PreAttnComp_MtrNm_M_f32	-2.3		
Prev2SclDrvVel_RadpS_M_f32	-33.32		
ScaledDriverVel_MtrRadpS_T_f32	2562.6		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	656		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	720		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.741562052		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175634		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.8		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.16756		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77453		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	470.300568	470.3005767 ± 0.0009	✓
Prev1PreAttnComp_MtrNm_M_f32	691.936462	691.9364807 ± 0.0009	✓
Prev1SclDrvVel_RadpS_M_f32	2562.6001	2562.6 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21 ± 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	4.4		
Prev1SclDrvVel_RadpS_M_f32	1234.56		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2SclDrvVel_RadpS_M_f32	4678.14		
ScaledDriverVel_MtrRadpS_T_f32	-2.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184534		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.452345		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	21.4257507	21.42575176 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	25.1605148	25.16051583 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.8 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	1234.56006	1234.56 ± 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	-4.4		
Prev1SclDrvVel_RadpS_M_f32	-27.55		
Prev2PreAttnComp_MtrNm_M_f32	-1.7		
Prev2SclDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.003467		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.1945645		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.823423		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.6345		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-0.823069274	-0.82306927 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.344535448 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-27.5499992	-27.55 ± 0.00390625	✔

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	6789.565
Prev2PreAttnComp_MtrNm_M_f32	1.7
Prev2SclDrvVel_RadpS_M_f32	5322.14
ScaledDriverVel_MtrRadpS_T_f32	-3.9
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	944
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	960
t_FDD_AttenTblY_Uls_u8p8[0]	78
t_FDD_AttenTblY_Uls_u8p8[1]	80
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.004353
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0016456
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.7234
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.36567

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.0503453612	0.050345373 ± 0.00000009	✔
Prev1PreAttnComp_MtrNm_M_f32	0.165236056	0.165236095 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	-3.9000001	-3.9 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	6789.56494	6789.565 ± 0.00390625	✔

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	-37.15
Prev2PreAttnComp_MtrNm_M_f32	-8.3
Prev2SclDrvVel_RadpS_M_f32	-42.02
ScaledDriverVel_MtrRadpS_T_f32	1444.1
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1008
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1040
t_FDD_AttenTblY_Uls_u8p8[0]	106
t_FDD_AttenTblY_Uls_u8p8[1]	109
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005456
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001767
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.65674
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.94645

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.619547307	-0.619547276 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-1.45508361	-1.45508351 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	1444.09998	1444.1 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.15 ± 0.00390625	✔

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	6.6
Prev1SclDrvVel_RadpS_M_f32	26.1
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2SclDrvVel_RadpS_M_f32	17.03
ScaledDriverVel_MtrRadpS_T_f32	-2234.7
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

Name	Input Value
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120
t_FDD_AttenTblY_Uls_u8p8[0]	129
t_FDD_AttenTblY_Uls_u8p8[1]	131
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.625984669	0.62598471 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.22329831	1.223298365 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-2234.69995	-2234.7 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1 ± 0.00390625	✔

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	-6.6
Prev1SclDrvVel_RadpS_M_f32	-33.1
Prev2PreAttnComp_MtrNm_M_f32	-7.5
Prev2SclDrvVel_RadpS_M_f32	-22.04
ScaledDriverVel_MtrRadpS_T_f32	1555.6
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200
t_FDD_AttenTblY_Uls_u8p8[0]	157
t_FDD_AttenTblY_Uls_u8p8[1]	161
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2454
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.254

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-18.191328	-18.1913286 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.92534236 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.6 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-33.0999985	-33.1 ± 0.00390625	✔

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	7.7
Prev1SclDrvVel_RadpS_M_f32	18
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.01
ScaledDriverVel_MtrRadpS_T_f32	-5.8
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.00864
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31545
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.3454

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.6353		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	1.29496682	1.294967011 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.811538551 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-5.80000019	-5.8 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.7 ± 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	-7.7		
Prev1SclDrvVel_RadpS_M_f32	-28.02		
Prev2PreAttnComp_MtrNm_M_f32	-6.5		
Prev2SclDrvVel_RadpS_M_f32	-27		
ScaledDriverVel_MtrRadpS_T_f32	6.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.009585		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32554		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.1496		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.234535		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.634453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-3.82750082	-3.827500822 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-4.26017475	-4.260174828 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	6.19999981	6.2 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-28.0200005	-28.02 ± 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	24.06		
Prev2PreAttnComp_MtrNm_M_f32	6.5		
Prev2SclDrvVel_RadpS_M_f32	32.56		
ScaledDriverVel_MtrRadpS_T_f32	-6.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1440		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00365		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.26745		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00006456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.5525885		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.4564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.134534		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0.371916622	0.371916637 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	1.34099519	1.340995197 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-6.30000019	-6.3 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	24.0599995	24.06 ± 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	-16.05		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2SclDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1568		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01423		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0014534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	0.164055958	0.164056011 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-16.0499992	-16.05 ± 0.00390625	✔

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	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	97		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	1.44737673	1.447376757 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024956 ± 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	100.04 ± 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	-69.4
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2SclDrvVel_RadpS_M_f32	-59.65
ScaledDriverVel_MtrRadpS_T_f32	1500.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1680
t_FDD_AttenTblY_Uls_u8p8[0]	136
t_FDD_AttenTblY_Uls_u8p8[1]	139
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03452
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00053453
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.6345
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9996842
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.84563

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.45213747	-2.452137655 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.516167192 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-69.4000015	-69.4 ± 0.00390625	✔

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	-49.65
Prev2PreAttnComp_MtrNm_M_f32	-2.4
Prev2SclDrvVel_RadpS_M_f32	-36.5
ScaledDriverVel_MtrRadpS_T_f32	2500.06
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.043453
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.73453
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.2325

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.778024733	-0.778024749 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-3.01779294	-3.017792967 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	2500.06006	2500.06 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-49.6500015	-49.65 ± 0.00390625	✔

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	22.54
Prev2PreAttnComp_MtrNm_M_f32	2.4
Prev2SclDrvVel_RadpS_M_f32	11
ScaledDriverVel_MtrRadpS_T_f32	-2500.08
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

TEST DETAILS REPORT

GenFddIcCmd

2014-09-19, 16:58:40+0530

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

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	-48.54			
Prev2PreAttnComp_MtrNm_M_f32	-1.1			
Prev2SclDrvVel_RadpS_M_f32	-38.54			
ScaledDriverVel_MtrRadpS_T_f32	3500.06			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	160			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920			
t_FDD_AttenTblY_Uls_u8p8[0]	237			
t_FDD_AttenTblY_Uls_u8p8[1]	239			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01123			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00023453			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.95464			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.345345			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234			
Name	Actual Value	Expected Value		Result
GenFddIcCmd()	-9.47003937	-9.470039831 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.14364099 ± 0.00009		✔
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.54 ± 0.00390625		✔

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	163.65
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	175
ScaledDriverVel_MtrRadpS_T_f32	-3.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	176
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000
t_FDD_AttenTblY_Uls_u8p8[0]	49
t_FDD_AttenTblY_Uls_u8p8[1]	51
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02123
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05678

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53454		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.37899768	1.378997719 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	7.20455933	7.204559509 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-3.01999998	-3.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	163.649994	163.65 ± 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	-90.36
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2SclDrvVel_RadpS_M_f32	-120.23
ScaledDriverVel_MtrRadpS_T_f32	4.1
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	192
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080
t_FDD_AttenTblY_Uls_u8p8[0]	65
t_FDD_AttenTblY_Uls_u8p8[1]	68
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3245
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.3
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.1345
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.11698532	-2.116985416 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.337665637 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	4.0999999	4.1 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.36 ± 0.00390625	✔

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	100.04
Prev2PreAttnComp_MtrNm_M_f32	4.5
Prev2SclDrvVel_RadpS_M_f32	-12917.3
ScaledDriverVel_MtrRadpS_T_f32	-7.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600
t_FDD_AttenTblY_Uls_u8p8[0]	114
t_FDD_AttenTblY_Uls_u8p8[1]	116
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	16.6205254	16.62052631 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	37.3232841	37.32328714 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	100.040001	100.04 ± 0.00390625	✔

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	250.45			
Prev2PreAttnComp_MtrNm_M_f32	-7.7			
Prev2SclDrvVel_RadpS_M_f32	12917.3			
ScaledDriverVel_MtrRadpS_T_f32	-39.07			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	224			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240			
t_FDD_AttenTblY_Uls_u8p8[0]	116			
t_FDD_AttenTblY_Uls_u8p8[1]	118			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.25856			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.65			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.734			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.245645			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	-11.8644609	-11.86446038 ± 0.00009		✔
Prev1PreAttnComp_MtrNm_M_f32	-26.1836376	-26.18363669 ± 0.00009		✔
Prev1SclDrvVel_RadpS_M_f32	-39.0699997	-39.07 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	250.449997	250.45 ± 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	5000.65			
Prev2PreAttnComp_MtrNm_M_f32	7.7			
Prev2SclDrvVel_RadpS_M_f32	0			
ScaledDriverVel_MtrRadpS_T_f32	6075.09			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320			
t_FDD_AttenTblY_Uls_u8p8[0]	144			
t_FDD_AttenTblY_Uls_u8p8[1]	146			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.35			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.365			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	452.265015	452.2649718 ± 0.0009		✔
Prev1PreAttnComp_MtrNm_M_f32	793.012634	793.0125532 ± 0.0009		✔
Prev1SclDrvVel_RadpS_M_f32	6075.08984	6075.09 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	5000.6499	5000.65 ± 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	-26.65
Prev2PreAttnComp_MtrNm_M_f32	-6.6
Prev2SclDrvVel_RadpS_M_f32	-10.12
ScaledDriverVel_MtrRadpS_T_f32	6.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400
t_FDD_AttenTblY_Uls_u8p8[0]	172
t_FDD_AttenTblY_Uls_u8p8[1]	174
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268567
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.24
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.000456
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.4766

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-5.66504765	-5.665048067 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.431699448 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	6.01999998	6.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-26.6499996	-26.65 ± 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	1.3
Prev1SclDrvVel_RadpS_M_f32	18.6
Prev2PreAttnComp_MtrNm_M_f32	6.6
Prev2SclDrvVel_RadpS_M_f32	10.25
ScaledDriverVel_MtrRadpS_T_f32	-6.06
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	272
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480
t_FDD_AttenTblY_Uls_u8p8[0]	218
t_FDD_AttenTblY_Uls_u8p8[1]	220
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27443
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.389
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57686

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-0.33675155	-0.336751733 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	✔
Prev1SclDrvVel_RadpS_M_f32	-6.05999994	-6.06 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	18.6000004	18.6 ± 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	1.3
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2SclDrvVel_RadpS_M_f32	-900.36
ScaledDriverVel_MtrRadpS_T_f32	-4.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

Name	Input Value
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	288
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2560
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.78
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.6786

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	0.722379088	0.722378984 ± 0.0000009	✔
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.935381268 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-4.01999998	-4.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 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	2.3	
Prev1SclDrvVel_RadpS_M_f32	12917.3	
Prev2PreAttnComp_MtrNm_M_f32	5.5	
Prev2SclDrvVel_RadpS_M_f32	-2000.1	
ScaledDriverVel_MtrRadpS_T_f32	-1.05	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	304	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2640	
t_FDD_AttenTblY_Uls_u8p8[0]	78	
t_FDD_AttenTblY_Uls_u8p8[1]	80	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00945	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000654	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.02	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.873453	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.15645	

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.61534405	1.615344 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	5.30164194	5.301641847 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-1.04999995	-1.05 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	2.29999995	2.3 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 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	-2.3	
Prev1SclDrvVel_RadpS_M_f32	0	
Prev2PreAttnComp_MtrNm_M_f32	-4.4	
Prev2SclDrvVel_RadpS_M_f32	3000	
ScaledDriverVel_MtrRadpS_T_f32	2.06	
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.01324	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3056	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454	

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.74564		

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.96688271	-2.966882443 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.165300993 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	2.05999994	2.06 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995	-2.3 ± 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	3.4		
Prev1SclDrvVel_RadpS_M_f32	-2000.02		
Prev2PreAttnComp_MtrNm_M_f32	4.4		
Prev2SclDrvVel_RadpS_M_f32	-3000.4		
ScaledDriverVel_MtrRadpS_T_f32	-2.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2800		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.004678		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0018576		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.04564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84534		

Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	6.05533695	6.055336888 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	12.0167923	12.01679258 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-2.04999995	-2.05 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	3.4000001	3.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-2000.02002	-2000.02 ± 0.00390625	✔

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	-3.4		
Prev1SclDrvVel_RadpS_M_f32	2000.03		
Prev2PreAttnComp_MtrNm_M_f32	-3.3		
Prev2SclDrvVel_RadpS_M_f32	4000.6		
ScaledDriverVel_MtrRadpS_T_f32	-350.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2880		
t_FDD_AttenTblY_Uls_u8p8[0]	157		
t_FDD_AttenTblY_Uls_u8p8[1]	161		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.04784		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001645		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.14564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.9345		

Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-4.80776691	-4.807766498 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-7.64464808	-7.64464735 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-350.019989	-350.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.4000001	-3.4 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2000.03003	2000.03 ± 0.00390625	✔

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	-8.8
Prev1SclDrvVel_RadpS_M_f32	-1000.4
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2SclDrvVel_RadpS_M_f32	-7500.6
ScaledDriverVel_MtrRadpS_T_f32	-3.05
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2960
t_FDD_AttenTblY_Uls_u8p8[0]	183
t_FDD_AttenTblY_Uls_u8p8[1]	185
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.044564
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32555
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.002342
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.2454
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53453
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.3423

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-3.7178309	-3.71783362 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.200903862 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.05 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1000.40002	-1000.4 ± 0.00390625	✔

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	8.8
Prev1SclDrvVel_RadpS_M_f32	980.6
Prev2PreAttnComp_MtrNm_M_f32	-2.2
Prev2SclDrvVel_RadpS_M_f32	6500.85
ScaledDriverVel_MtrRadpS_T_f32	4.05
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3040
t_FDD_AttenTblY_Uls_u8p8[0]	230
t_FDD_AttenTblY_Uls_u8p8[1]	232
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053534
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330264
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0025235
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.3675
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.13453

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	5.50454187	5.5045434 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	6.12679434	6.126796132 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	4.05000019	4.05 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	980.599976	980.6 ± 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	2.2
Prev2SclDrvVel_RadpS_M_f32	-5000.41
ScaledDriverVel_MtrRadpS_T_f32	-4.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2560
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3120
t_FDD_AttenTblY_Uls_u8p8[0]	71
t_FDD_AttenTblY_Uls_u8p8[1]	74
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.042342
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27566
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001535
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.456
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42342

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-2.99402881	-2.994028926 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.7953719 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-4.80000019	-4.8 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	✓

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	1500.05
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2SclDrvVel_RadpS_M_f32	6000.69
ScaledDriverVel_MtrRadpS_T_f32	5.9
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2720
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3200
t_FDD_AttenTblY_Uls_u8p8[0]	86
t_FDD_AttenTblY_Uls_u8p8[1]	88
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053453
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0012342
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56575
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32786
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.2564

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	4.06544733	4.06544767986332 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017977447094 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	5.9000001	5.9 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	1500.05005	1500.05 ± 0.00390625	✓

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	2500.06
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	9000.45
ScaledDriverVel_MtrRadpS_T_f32	2557
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

Name	Input Value
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2880
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3280
t_FDD_AttenTblY_Uls_u8p8[0]	114
t_FDD_AttenTblY_Uls_u8p8[1]	116
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01324
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0006345
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.6786
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3123
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.5564

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	45.0379448	45.0379399696766 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	99.3940811	99.3940744158379 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	2557	2557 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.25	5.25 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	2500.06006	2500.06 ± 0.00390625	✔

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	4.6
Prev1SclDrvVel_RadpS_M_f32	-1500.06
Prev2PreAttnComp_MtrNm_M_f32	-8.8
Prev2SclDrvVel_RadpS_M_f32	-9000.11
ScaledDriverVel_MtrRadpS_T_f32	1646.7
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	3040
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3360
t_FDD_AttenTblY_Uls_u8p8[0]	136
t_FDD_AttenTblY_Uls_u8p8[1]	139
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0063
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.11345
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.7765
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.34534
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.73523

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	-4.42373562	-4.423735974 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.147312297 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.7 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5999999	4.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-1500.06006	-1500.06 ± 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	-4.6
Prev1SclDrvVel_RadpS_M_f32	600.07
Prev2PreAttnComp_MtrNm_M_f32	8.8
Prev2SclDrvVel_RadpS_M_f32	9900.65
ScaledDriverVel_MtrRadpS_T_f32	-6.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3440
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15645
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84564

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.4342		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.845		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-1.46749699	-1.467496866 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316187 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-6.80000019	-6.8 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.6 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	600.070007	600.07 ± 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	5.7		
Prev1SclDrvVel_RadpS_M_f32	5000		
Prev2PreAttnComp_MtrNm_M_f32	0		
Prev2SclDrvVel_RadpS_M_f32	8000.65		
ScaledDriverVel_MtrRadpS_T_f32	2412.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3520		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.001234		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00024378		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93453		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	-14.621316	-14.62131553 ± 0.00009	✔
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565	-19.59715589 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	2412.05005	2412.05 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	5.69999981	5.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	5000	5000 ± 0.00390625	✔

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	-5.7		
Prev1SclDrvVel_RadpS_M_f32	-9000.015		
Prev2PreAttnComp_MtrNm_M_f32	-5.25		
Prev2SclDrvVel_RadpS_M_f32	-6000.12		
ScaledDriverVel_MtrRadpS_T_f32	-23.02		
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0156		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.36		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0674		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.458349		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.143		
Name	**Actual Value**	**Expected Value**	**Result**
GenFddIcCmd()	3.19451404	3.19451007405634 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	3.45061421	3.45061003779925 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	-23.0200005	-23.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-5.69999981	-5.7 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	-9000.01465	-9000.015 ± 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	6.8			
Prev1SclDrvVel_RadpS_M_f32	600.09			
Prev2PreAttnComp_MtrNm_M_f32	5.25			
Prev2SclDrvVel_RadpS_M_f32	9000.62			
ScaledDriverVel_MtrRadpS_T_f32	34.06			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680			
t_FDD_AttenTblY_Uls_u8p8[0]	230			
t_FDD_AttenTblY_Uls_u8p8[1]	232			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00645			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16777			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.54			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.14564			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.864935			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.74564			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	9.78774643	9.78774586664643 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.8941867037456 ± 0.00009		✔
Prev1SclDrvVel_RadpS_M_f32	34.0600014	34.06 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.8 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	600.090027	600.09 ± 0.00390625		✔

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	-400.05			
Prev2PreAttnComp_MtrNm_M_f32	6.8			
Prev2SclDrvVel_RadpS_M_f32	-7235.12			
ScaledDriverVel_MtrRadpS_T_f32	45.06			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0			
t_FDD_AttenTblY_Uls_u8p8[0]	71			
t_FDD_AttenTblY_Uls_u8p8[1]	74			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523			
Name	**Actual Value**	**Expected Value**		**Result**
GenFddIcCmd()	-2.39375806	-2.393758233 ± 0.000009		✔
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886	-8.281109564 ± 0.000009		✔
Prev1SclDrvVel_RadpS_M_f32	45.0600014	45.06 ± 0.00390625		✔
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125		✔
Prev2SclDrvVel_RadpS_M_f32	-400.049988	-400.05 ± 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	289.65
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2SclDrvVel_RadpS_M_f32	8563.3
ScaledDriverVel_MtrRadpS_T_f32	-4.05
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600
t_FDD_AttenTblY_Uls_u8p8[0]	86
t_FDD_AttenTblY_Uls_u8p8[1]	88
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.14
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	1.24506903	1.245069116 ± 0.000009	✓
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.706252252 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	289.649994	289.65 ± 0.00390625	✓

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	5.2
Prev2SclDrvVel_RadpS_M_f32	-9358.2
ScaledDriverVel_MtrRadpS_T_f32	5266.06
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1005
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	9383
t_FDD_AttenTblY_Uls_u8p8[0]	114
t_FDD_AttenTblY_Uls_u8p8[1]	116
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.26
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.535
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.4563

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	74.4717255	74.47172728 ± 0.00009	✓
Prev1PreAttnComp_MtrNm_M_f32	164.351395	164.3513981 ± 0.0009	✓
Prev1SclDrvVel_RadpS_M_f32	5266.06006	5266.06 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-150	-150 ± 0.00390625	✓

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	-2341.03
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2SclDrvVel_RadpS_M_f32	9782.2
ScaledDriverVel_MtrRadpS_T_f32	4585.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

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

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	500.012			
Prev2PreAttnComp_MtrNm_M_f32	2.3			
Prev2SclDrvVel_RadpS_M_f32	12000			
ScaledDriverVel_MtrRadpS_T_f32	3.02			
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696			
t_FDD_AttenTblY_Uls_u8p8[0]	256			
t_FDD_AttenTblY_Uls_u8p8[1]	256			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452			
Name	**Actual Value**		**Expected Value**	**Result**
GenFddIcCmd()	4.95908308		4.959080803 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	4.95908308		4.959080803 ± 0.000009	✔
Prev1SclDrvVel_RadpS_M_f32	3.01999998		3.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	-3.5		-3.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	500.011993		500.012 ± 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	385.032	
Prev2PreAttnComp_MtrNm_M_f32	-1.7	
Prev2SclDrvVel_RadpS_M_f32	-10712.32	
ScaledDriverVel_MtrRadpS_T_f32	-7.02	
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.00945	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.62	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453	

Name	Input Value			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77453			

Name	Actual Value	Expected Value	Result
GenFddIcCmd()	8.95816231	8.958162049 ± 0.000009	✔
Prev1PreAttnComp_MtrNm_M_f32	36.4014206	36.40142039 ± 0.00009	✔
Prev1SclDrvVel_RadpS_M_f32	-7.01999998	-7.02 ± 0.00390625	✔
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✔
Prev2SclDrvVel_RadpS_M_f32	385.032013	385.032 ± 0.00390625	✔

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

TEST DETAILS REPORT

FilterCoefCalc

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
Test Object	FilterCoefCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	***Unit Test Description************************************** Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

Attributes

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

Test Case 1: Boundary Test ✔

Specification

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

CPU Cycles:

TS1.1    1246.00 Cycles
TS1.2    1292.00 Cycles
TS1.3    1292.00 Cycles
TS1.4    1281.00 Cycles
TS1.5    1281.00 Cycles
TS1.6    1258.00 Cycles
TS1.7    1292.00 Cycles
TS1.8    1281.00 Cycles
TS1.9    1246.00 Cycles
TS1.10   1258.00 Cycles
TS1.11   1672.00 Cycles
TS1.12   1281.00 Cycles
TS1.13   1246.00 Cycles
TS1.14   1660.00 Cycles
TS1.15   1281.00 Cycles
TS1.16   1281.00 Cycles
TS1.17   1281.00 Cycles
TS1.18   1281.00 Cycles
TS1.19   1281.00 Cycles
TS1.20   1281.00 Cycles
TS1.21   1292.00 Cycles
TS1.22   1281.00 Cycles
TS1.23   1369.00 Cycles
TS1.24   1281.00 Cycles
TS1.25   1292.00 Cycles
TS1.26   1292.00 Cycles
TS1.27   1292.00 Cycles
TS1.28   1292.00 Cycles
TS1.29   1281.00 Cycles
TS1.30   1281.00 Cycles
TS1.31   1349.00 Cycles
TS1.32   1281.00 Cycles
```

Description   Vector Description

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

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBlnd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16
t_CmnVehSpd_Kph_u9p7[0]	0
t_CmnVehSpd_Kph_u9p7[1]	0
t_CmnVehSpd_Kph_u9p7[2]	0
t_CmnVehSpd_Kph_u9p7[3]	0
t_CmnVehSpd_Kph_u9p7[4]	0
t_CmnVehSpd_Kph_u9p7[5]	0
t_CmnVehSpd_Kph_u9p7[6]	0
t_CmnVehSpd_Kph_u9p7[7]	0
t_CmnVehSpd_Kph_u9p7[8]	0
t_CmnVehSpd_Kph_u9p7[9]	0
t_CmnVehSpd_Kph_u9p7[10]	0
t_CmnVehSpd_Kph_u9p7[11]	0
t_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	3.949892431 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.999684173 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.050423396 ± 0.000009	✔

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	0.041306
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0005
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384
t_WIRBIndTblX_MtrNm_u8p8[0]	2048
t_WIRBIndTblX_MtrNm_u8p8[1]	2048
t_WIRBIndTblX_MtrNm_u8p8[2]	2048
t_WIRBIndTblX_MtrNm_u8p8[3]	2048
t_WIRBIndTblX_MtrNm_u8p8[4]	2048

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.741562052 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.411114052 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588458 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.841726592 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852	10.60568495 ± 0.00009	✔

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	100.02

Name	Input Value
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002
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	-0.000593815 ± 0.0000000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00059381465	0.000593815 ± 0.0000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39635515	3.39635548 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	-7.950651978 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65299273	4.652992542 ± 0.000009	✔

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	0.041306
VehicleSpeed_Kph_T_f32	200.06
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	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	-0.170364138 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	-0.160083862 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.36400986	3.364009947 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94497013	-7.944970142 ± 0.000009	✔

Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.69101954	4.691019911 ± 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 1.5 (Repeat Count = 1)		✔
Name	**Input Value**	
ADDCoef_MtrNmSpRad_T_f32	0.02	
VehicleSpeed_Kph_T_f32	300.08	
WIRCmdAmpBlnd_MtrNm_T_f32	0.5	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00004	
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	

Name	Input Value			
t_WIRBlndTblX_MtrNm_u8p8[4]	896			

Name	Actual Value	Expected Value		Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.084671116 ± 0.00000009		✓
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.16 ± 0.0000009		✓
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.075328884 ± 0.00000009		✓
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.313495926 ± 0.000009		✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.935416577 ± 0.000009		✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.751087497 ± 0.000009		✓

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	0.001	
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	0.00005	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128	
t2_FDD_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	

Name	Input Value
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192
t_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	-0.004000018 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00800000038	0.008 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00399998249	-0.003999982 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.76236439	3.76236461 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.992723375 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.24491215	4.244912015 ± 0.000009	✔

Test Step Call Trace ✔

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

Test Step 1.7 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.002
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBlnd_MtrNm_T_f32	5.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00006
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_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

Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_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	-0.012845471 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0160000008	0.016 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00315452972	-0.003154529 ± 0.000000009	✓
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1956141	3.195613973 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.90979624	-7.909796293 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.89459038	4.894589734 ± 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	0.003
VehicleSpeed_Kph_T_f32	255.25
WIRCmdAmpBlnd_MtrNm_T_f32	3.6
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00007
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208

Name	Input Value
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	-0.0224989261685139 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0240000002	0.024 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00150107313	-0.00150107383148608 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.12415075	3.12415079635252 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.89191246	-7.89191237196188 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.98393726	4.98393683168561 ± 0.000009	✔

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

Test Step 1.9 (Repeat Count = 1)		✔
Name	**Input Value**	
ADDCoef_MtrNmSpRad_T_f32	0.004	
VehicleSpeed_Kph_T_f32	16.25	
WIRCmdAmpBlnd_MtrNm_T_f32	0	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008	
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	

Name	Input Value
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_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	-0.028043747 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0320000015	0.032 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00395625085	-0.003956253 ± 0.000000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84204841	2.842048638 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.8026042	-7.802604057 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.35534716	5.355347305 ± 0.000009	✔

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	0.005
VehicleSpeed_Kph_T_f32	32.28
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_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

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_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	-0.095418708 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0399999991	0.04 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.055418708 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.283494792 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.496324749 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.22018147	8.220180459 ± 0.000009	✓

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	0.006
VehicleSpeed_Kph_T_f32	48.52
WIRCmdAmpBlnd_MtrNm_T_f32	5.6
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
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	-0.246170482 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.048 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170482 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945693 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.953353668 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.06970024	9.06970064 ± 0.000009	✔

Test Step Call Trace   ✔

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

Test Step 1.12 (Repeat Count = 1)   ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.007
VehicleSpeed_Kph_T_f32	64.95
WIRCmdAmpBlnd_MtrNm_T_f32	1.1
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00011
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248

Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352
t_CmnVehSpd_Kph_u9p7[0]	0
t_CmnVehSpd_Kph_u9p7[1]	0
t_CmnVehSpd_Kph_u9p7[2]	0
t_CmnVehSpd_Kph_u9p7[3]	0
t_CmnVehSpd_Kph_u9p7[4]	0
t_CmnVehSpd_Kph_u9p7[5]	0
t_CmnVehSpd_Kph_u9p7[6]	0
t_CmnVehSpd_Kph_u9p7[7]	0
t_CmnVehSpd_Kph_u9p7[8]	0
t_CmnVehSpd_Kph_u9p7[9]	0
t_CmnVehSpd_Kph_u9p7[10]	0
t_CmnVehSpd_Kph_u9p7[11]	0
t_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	-0.170547388 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0560000017	0.056 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114547402	0.114547388 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.81319332	1.813193477 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600287 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.04080439	7.040803652 ± 0.000009	✔

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

Test Step 1.13 (Repeat Count = 1)		✔
Name	**Input Value**	
ADDCoef_MtrNmSpRad_T_f32	0.008	
VehicleSpeed_Kph_T_f32	80.35	
WIRCmdAmpBlnd_MtrNm_T_f32	1.2	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00012	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176	

Name	Input Value
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	-0.039292744 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.024707256 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.373258677 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.946629189 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.68011236	4.680112134 ± 0.000009	✔

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	0.009
VehicleSpeed_Kph_T_f32	96.62
WIRCmdAmpBlnd_MtrNm_T_f32	1.3
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	-0.054418228 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0719999969	0.072 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.017581772 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.50426316	2.504263453 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.6513648	-7.651364918 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84437227	5.844371629 ± 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 1.15 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.01
VehicleSpeed_Kph_T_f32	112.41
WIRCmdAmpBlnd_MtrNm_T_f32	1.4
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00014
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_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	-0.04127908 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0799999982	0.08 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0387209207	-0.03872092 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72832537	3.728325621 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99044704	-7.990446859 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.28122759	4.28122752 ± 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	0.011
VehicleSpeed_Kph_T_f32	128.56
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00015
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
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	-0.199160956 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0879999995	0.088 ± 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	1.346973575 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.590788107 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.06223869	8.062238318 ± 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 1.17 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.012
VehicleSpeed_Kph_T_f32	144.52
WIRCmdAmpBlnd_MtrNm_T_f32	1.6
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00016
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	-0.179731222 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0960000008	0.096 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.083731222 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	✔

Test Step Call Trace

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

Test Step 1.18 (Repeat Count = 1)	✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.013
VehicleSpeed_Kph_T_f32	160.63
WIRCmdAmpBlnd_MtrNm_T_f32	1.7
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_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	-0.063159799 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0408402011	-0.040840201 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.47085524	3.47085539 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.96247482	-7.962474705 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.56666946	4.566669905 ± 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	0.014
VehicleSpeed_Kph_T_f32	176.85
WIRCmdAmpBlnd_MtrNm_T_f32	1.8
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00031
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	-0.173795005 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.061795005 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.617823645 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.708104611 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.674071744 ± 0.000009	✔

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	0.015
VehicleSpeed_Kph_T_f32	192.52
WIRCmdAmpBlnd_MtrNm_T_f32	1.9
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00032
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	-0.155867459 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.12 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.035867459 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.825155925 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.796248275 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.3785958 ± 0.000009	✔

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	0.016
VehicleSpeed_Kph_T_f32	208.12
WIRCmdAmpBlnd_MtrNm_T_f32	2.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
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	-0.088326814 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.039673186 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.3917236 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985896 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841744 ± 0.000009	✔

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 1.22 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.017
VehicleSpeed_Kph_T_f32	224.01
WIRCmdAmpBlnd_MtrNm_T_f32	2.1
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
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	-0.103742449 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0322575532	-0.032257551 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.30435205	3.304351854 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.93359709	-7.933597302 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.76205063	4.762050845 ± 0.000009	✔

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	0.018
VehicleSpeed_Kph_T_f32	240.02
WIRCmdAmpBlnd_MtrNm_T_f32	3.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00035
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	0.144 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0233457759	-0.023345782 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202347 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.92264714 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.82532939 ± 0.000009	✔

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	0.019
VehicleSpeed_Kph_T_f32	256.05
WIRCmdAmpBlnd_MtrNm_T_f32	4.3
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036
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	-0.266277387 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.151999995	0.152 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114277415	0.114277387 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.55320787	2.55320816 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.67659283	-7.676592803 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.770199037 ± 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 1.25 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.02
VehicleSpeed_Kph_T_f32	272.06
WIRCmdAmpBlnd_MtrNm_T_f32	5.1
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00037
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_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	-0.099631729 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.16 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0603682697	-0.060368271 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23617816	3.23617818 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.91914797	-7.919148201 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.84467363	4.844673619 ± 0.000009	✔

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

Test Step 1.26 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.021
VehicleSpeed_Kph_T_f32	288.08
WIRCmdAmpBlnd_MtrNm_T_f32	6.4
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00038
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	-0.211607064 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167999998	0.168 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.043607064 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.26093268	2.260932845 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.507253234 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.23181343	6.231813921 ± 0.000009	✔

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	0.022		
VehicleSpeed_Kph_T_f32	304.09		
WIRCmdAmpBlnd_MtrNm_T_f32	7.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_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	-0.056483543 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.176 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462	-0.119516457 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	✔

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	320.07
WIRCmdAmpBlnd_MtrNm_T_f32	8.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004
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	-0.44143189 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184	0.184 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.257431924	0.25743189 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.242070137 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469476 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.26323557	6.263235103 ± 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	0.024
VehicleSpeed_Kph_T_f32	336.06
WIRCmdAmpBlnd_MtrNm_T_f32	4.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00041
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	-0.648597291 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.192000002	0.192 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.456597328	0.456597291 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64794874	1.647948707 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97389889	-6.973898945 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37815237	7.378152348 ± 0.000009	✔

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 1.30 (Repeat Count = 1) ✔

Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.025
VehicleSpeed_Kph_T_f32	352.05
WIRCmdAmpBlnd_MtrNm_T_f32	4.9
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001
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	-0.128345472 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.200000003	0.2 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.071654528 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.255179464 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242444 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.29239559	8.292396096 ± 0.000009	✔

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	0.026
VehicleSpeed_Kph_T_f32	368.01
WIRCmdAmpBlnd_MtrNm_T_f32	7.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0005
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	-0.446342077 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.238342136	0.238342077 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.7996192	1.7996192 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.13275242	-7.132752506 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.06762838	7.067628294 ± 0.000009	✔

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	0.027
VehicleSpeed_Kph_T_f32	384.02
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003
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	-0.171643583 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216 ± 0.0000009	✔
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.044356417 ± 0.00000009	✔
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.16740918	2.167409451 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.442880571 ± 0.000009	✔
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.38971043	6.389709978 ± 0.000009	✔

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

Project	FDD_Inertia
Module	FDD_Inertia_FLTINJ
Test Object	FrqDepDmpnInrtCmp_Init

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\CBD_FrqDepDmpnInrtCmp\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract -I$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification

Name	Text
Module 'FDD_Inertia_FLTINJ'	*************************************Unit Test Description************************************* Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments: Note1:Inline Function defined in ""globalmacro.h"" are not unit tested. Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function. Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function. Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16. Note6:In ""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
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

Test Case 1: 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   115.00 Cycles
TS1.7   115.00 Cycles
TS1.8   117.00 Cycles
TS1.9   117.00 Cycles
TS1.10  118.00 Cycles
TS1.11  118.00 Cycles
TS1.12  115.00 Cycles
TS1.13  115.00 Cycles
```

Description

Test Vector Description:

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

Test Step 1.1 (Repeat Count = 1) ✔

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	0.100000001		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.00125586987	0.00125584798 ± 0.000125655810790826	✔

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	✔

Name	Actual Value	Expected Value	Result
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	0.715390444 ± 0.000125655810790826	✓

Test Step 1.5 (Repeat Count = 1) ✓

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5632		
TbarVelFiltSv_M_str.K_Uls_f32	0.145229995		
k_InrtCmp_TBarVelLPFKn_Hz_f32	50.2299995		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.468051612	0.468051612 ± 0.000125655810790826	✓

Test Step 1.6 (Repeat Count = 1) ✓

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	2.55769992		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	25.2000008		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.271430731	0.271430701 ± 0.000125655810790826	✓

Test Step 1.7 (Repeat Count = 1) ✓

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	3.99850011		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444		
k_InrtCmp_TBarVelLPFKn_Hz_f32	26		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.278718412	0.278718382 ± 0.000125655810790826	✓

Test Step 1.8 (Repeat Count = 1) ✓

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.12300014		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981		
k_InrtCmp_TBarVelLPFKn_Hz_f32	35.25		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.357870042	0.357870042 ± 0.000125655810790826	✓

Test Step 1.9 (Repeat Count = 1) ✓

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.532140017		
k_InrtCmp_TBarVelLPFKn_Hz_f32	84		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.652007818	0.652007759 ± 0.000125655810790826	✓

Test Step 1.10 (Repeat Count = 1) ✓

Name	Input Value
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001

Name	Input Value		
k_InrtCmp_TBarVelLPFKn_Hz_f32	95.0100021		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.696972251	0.696972251 ± 0.000125655810790826	✔

Test Step 1.11 (Repeat Count = 1) ✔

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	0		
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997		
k_InrtCmp_TBarVelLPFKn_Hz_f32	41.2000008		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.404131055	0.404131025 ± 0.000125655810790826	✔

Test Step 1.12 (Repeat Count = 1) ✔

Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995		
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981		
k_InrtCmp_TBarVelLPFKn_Hz_f32	56.3499985		

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✔
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✔
TbarVelFiltSv_M_str.K_Uls_f32	0.507428169	0.507428169 ± 0.000125655810790826	✔

Test Step 1.13 (Repeat Count = 1) ✔

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	✔