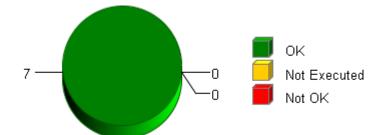


Summary

Overall Test Object Results (including Coverage)



Date: 2015-10-26 **Time:** 12:51:07+0530



Selected Project Items

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

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

Test Object "CBD_UnitTest/FDD_Inertia_FLTINJ/DriverVelCalc"

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

Test Object "CBD_UnitTest/FDD_Inertia_FLTINJ/FrqDepDmpnInrtCmp_Init"

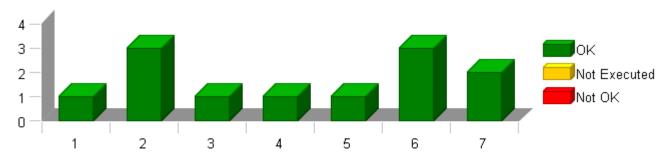
Test Object "CBD UnitTest/FDD Inertia FLTINJ/FrqDepDmpnInrtCmp Per1"

Test Object "CBD_UnitTest/FDD_Inertia_FLTINJ/GenFddIcCmd"

Used Test Environments

TI TMS 570 PLS UDE (Default)

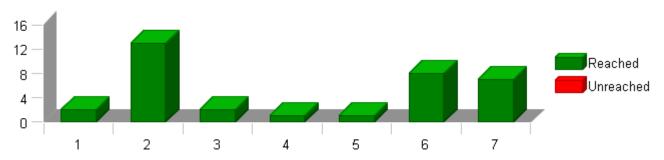
Test Case Results for Each Test Object (without Coverage)



The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

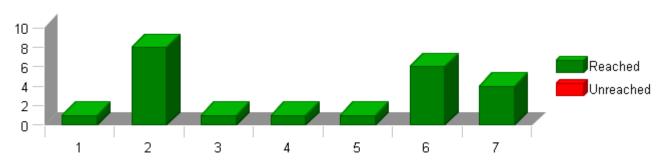


Statement (C0) Coverage: Total Statements for Each Test Object



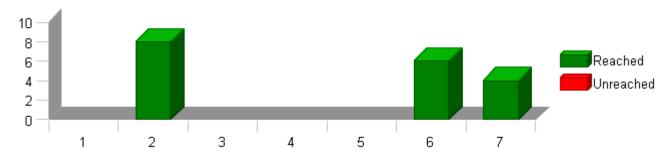
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

Decision Coverage: Total Decision Outcomes for Each Test Object

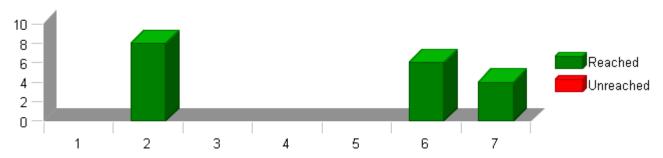


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



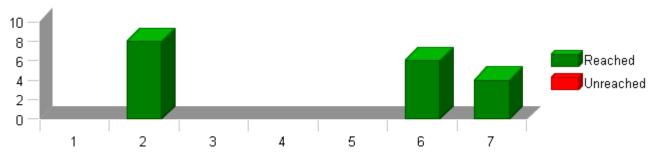
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

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Project 9BXX_FrqDepDmpnInrtCmp



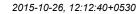
Test Object List

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

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

No.	Name	CO	C1	DC	MC/DC	MCC	Test Cases Res	sult
	9BXX_FrqDepDmpnInrtCmp	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
	FDD_Inertia_FLTINJ	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
1	<u>ADDCoefCalc</u>	100 %	100 %	-	-	-	1 of 1 passed	•
2	<u>DecelGain</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
3	<u>DriverVelCalc</u>	100 %	100 %	-	-	-	1 of 1 passed	•
4	<u>FilterCoefCalc</u>	100 %	100 %	-	-	-	1 of 1 passed	•
5	FrqDepDmpnInrtCmp Init	100 %	100 %	-	-	-	1 of 1 passed	•
6	FrqDepDmpnInrtCmp_Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
7	<u>GenFddlcCmd</u>	100 %	100 %	100 %	100 %	100 %	2 of 2 passed	•

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Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$\label{lem:condition} $$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c$
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\\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'	Name of Tester:Jayesh Jahagirdar Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):30 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrQDepDmpnIntCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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Test Case 1: Boundary Test

Specification

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

CPU Cycles: TS1.1 TS1.2 329 Cycles 341 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 341 Cycles 341 Cycles 341 Cycles 341 Cycles TS1.8 TS1.9 TS1.10

341 Cycles 497 Cycles 341 Cycles 329 Cycles 329 Cycles 329 Cycles 417 Cycles 321 Cycles TS1.11 TS1.12 TS1.13 TS1.14 TS1.15

341 Cycles 417 Cycles 341 Cycles 397 Cycles 329 Cycles TS1.15 TS1.16 TS1.17 TS1.18

TS1.19 TS1.20 TS1.21 TS1.22 329 Cycles 329 Cycles 427 Cycles 341 Cycles TS1.22 TS1.23 TS1.24 TS1.25 TS1.26 TS1.27 TS1.28 TS1.29 341 Cycles 341 Cycles 341 Cycles

341 Cycles
341 Cycles
407 Cycles
407 Cycles
341 Cycles TS1.31 TS1.32 TS1.33 TS1.34

TS1.35 TS1.36 TS1.37 341 Cycles 341 Cycles 329 Cycles 341 Cycles TS1.38 TS1.39 TS1.40 TS1.41 TS1.42

TS1.43 TS1.44 TS1.45

Description

Test Vector Description

TS1.1All min TS1.2All max

TS1.2All max
TS1.3HwTroque_HwNm_T_f32 = min
TS1.4HwTroque_HwNm_T_f32 = max
TS1.5HwTroque_HwNm_T_f32 = zero
TS1.6HwTroque_HwNm_T_f32 = neg
TS1.7HwTroque_HwNm_T_f32 = pos
TS1.8CRFMotorVel_MtrRadpS_T_f32 = min
TS1.9CRFMotorVel_MtrRadpS_T_f32 = max
TS1.10CRFMotorVel_MtrRadpS_T_f32 = zero
TS1.11CRFMotorVel_MtrRadpS_T_f32 = pos
TS1.12CRFMotorVel_MtrRadpS_T_f32 = pos
TS1.13VehicleSpeed_Kph_T_f32 = min
TS1.14VehicleSpeed_Kph_T_f32 = pos
TS1.15VehicleSpeed_Kph_T_f32 = pos
TS1.15VehicleSpeed_Kph_T_f32 = pos
TS1.16PrevTbarAng_HwDeg_M_f32 = min

TS1.16PrevTbarAng_HwDeg_M_f32 = min TS1.17PrevTbarAng_HwDeg_M_f32 = max TS1.18PrevTbarAng_HwDeg_M_f32 = zero

TS1.19PrevTbarAng_HwDeg_M_f32 = neg TS1.20PrevTbarAng_HwDeg_M_f32 = pos TS1.21k_CmnTbarStiff_NmpDeg_f32 = min

TS1.22k_CmnTbarStiff_NmpDeg_f32 = max TS1.23k_CmnTbarStiff_NmpDeg_f32 = mid TS1.24k_CmnTbarStiff_NmpDeg_f32 = default

TS1.25k_CmnSysKinRatio_MtrDegpHwDeg_f32 = min TS1.26k_CmnSysKinRatio_MtrDegpHwDeg_f32 = max TS1.27k_CmnSysKinRatio_MtrDegpHwDeg_f32 = mid

TS1.28k_CmnSysKinRatio_MtrDegpHwDeg_f32 = default

TS1.28k_CmnSysKinRatio_MtrDegpHwDeg_f32 = default
TS1.29t_CmnVehSpd_Kph_u9p7[12] = min
TS1.30t_CmnVehSpd_Kph_u9p7[12] = max
TS1.30t_CmnVehSpd_Kph_u9p7[12] = mid
TS1.30t_CmnVehSpd_Kph_u9p7[12] = mid
TS1.32t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = min
TS1.33t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = max
TS1.34t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[12] = mid
TS1.35k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = min
TS1.36k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = mid
TS1.37k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 = mid
TS1.38TbarVelFiltSv_M_str.K = min
TS1.39TbarVelFiltSv_M_str.K = mid

TS1.40TbarVelFiltSv_M_str.K = mid TS1.41TbarVelFiltSv_M_str.SV = min TS1.42TbarVelFiltSv_M_str.SV = max TS1.43TbarVelFiltSv_M_str.SV = zero TS1.44TbarVelFiltSv_M_str.SV = pos

TS1.45TbarVelFiltSv M str.SV = neg

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4





Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
HwTorque_HwNm_T_f32	-10		
PrevTbarAng_HwDeg_M_f32	-20		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
VehicleSpeed_Kph_T_f32	0		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-0	0 ± 0.000009	~
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	✓

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

Test Step 1.2 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1118
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	20
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
VehicleSpeed_Kph_T_f32	511.992188
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128

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Name	Input Value				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128				
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] 128					
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128	128			
Name	Actual Value	Expected Value	Result		
DriverVelCalc()	-10740.3115	-10740.3115 ± 0.09	~		
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	✓		
TbarVelFiltSv_M_str.SV_Uls_f32	-6794.31201	-6794.31201 ± 0.00390625	✓		

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_	

Test Step 1.3 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
HwTorque_HwNm_T_f32	-10		
PrevTbarAng_HwDeg_M_f32	-8.32999992		
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001		
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999		
VehicleSpeed_Kph_T_f32	100.019997		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998		
k_CmnTbarStiff_NmpDeg_f32	1.20000005		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976		
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	Resul
DriverVelCalc()	90.4685822	90.4685822 ± 0.00009	
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	0.890704095	0.890688896 ± 0.00390625	

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

Test Step 1.4 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-100.599998	
HwTorque_HwNm_T_f32	10	

Name

DriverVelCalc()

PrevTbarAng_HwDeg_M_f32

TbarVelFiltSv_M_str.SV_Uls_f32

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DriverVelCalc		MACILAL
Name	Input Value	
PrevTbarAng_HwDeg_M_f32	3.99950004	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995	
VehicleSpeed_Kph_T_f32	200.029999	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992	
k_CmnTbarStiff_NmpDeg_f32	2.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17	

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

Actual Value

-80.3920822

1.86838663

Expected Value

4 ± 0.00390625

-80.3920822 ± 0.00009

1.86839092 ± 0.00390625

T4 04 4 5 (D4 04)	
Test Step 1.5 (Repeat Count = 1)	
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.199997
HwTorque_HwNm_T_f32	0
PrevTbarAng_HwDeg_M_f32	0.0099999978
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
VehicleSpeed_Kph_T_f32	300.049988
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.3999996
k_CmnTbarStiff_NmpDeg_f32	3.4000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988
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
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Result





Name	Input Value			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19			
Name	Actual Value	Expected Value	Result	
DriverVelCalc()	140.161072	140.161072 ± 0.0009	~	
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	~	
TbarVelFiltSv_M_str.SV_Uls_f32	0.267630339	0.267630279 ± 0.00390625	~	

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

Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.100006		
HwTorque_HwNm_T_f32	-5.5		
PrevTbarAng_HwDeg_M_f32	-1.22099996		
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021		
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001		
VehicleSpeed_Kph_T_f32	400.059998		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.5		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-119.829559	-119.829552 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.22222221	-1.22222221 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_UIs_f32	2.08650517	2.08651233 ± 0.00390625	

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Test Step 1.7 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	300.029999	
HwTorque_HwNm_T_f32	5.19999981	
PrevTbarAng_HwDeg_M_f32	0.929870009	
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998	
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008	
VehicleSpeed_Kph_T_f32	123.07	





Name	Input Value		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.5999985		
k_CmnTbarStiff_NmpDeg_f32	5.5999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	150.29483	150.29483 ± 0.0009	-
PrevTbarAng_HwDeg_M_f32	0.928571403	0.928571403 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	2.02786994	2.02788019 ± 0.00390625	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	_

Test Step 1.8 (Repeat Count = 1)	√
Name	Input Value
CRFMotorVel MtrRadpS T f32	-1118
HwTorque HwNm T f32	1.60000002
PrevTbarAng HwDeg M f32	0.246099994
TbarVelFiltSv M str.SV Uls f32	-2.36899996
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
VehicleSpeed_Kph_T_f32	150.080002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.7999992
k_CmnTbarStiff_NmpDeg_f32	6.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-447.362946	-447.362915 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.246153846	0.246153846 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-0.854439139	-0.854441166 ± 0.00390625	•

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	1118		
HwTorque HwNm T f32	-1.20000005		
PrevTbarAng HwDeg M f32	-0.153209999		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
VehicleSpeed_Kph_T_f32	16.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.0999985		
k_CmnTbarStiff_NmpDeg_f32	7.80000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
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	Resul
DriverVelCalc()	335.105377	335.105347 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.15384616 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.08251452 ± 0.00390625	

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

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

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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-1.15806818	-1.1580683 ± 0.000009	~
PrevTbarAng_HwDeg_M_f32	0.271604925	0.271604925 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.41246414	-4.41246414 ± 0.00390625	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resulf
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-450		
HwTorque HwNm T f32	-2.70000005		
PrevTbarAng HwDeg M f32	-0.291999996		
TbarVelFiltSv M str.SV Uls f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994		
VehicleSpeed_Kph_T_f32	22.5100002		
k CmnSysKinRatio MtrDegpHwDeg f32	90.5		
k CmnTbarStiff NmpDeg f32	9.19999981		
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.10000001		
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	Resul
DriverVelCalc()	-47.2626114	-47.2626114 ± 0.00009	•
PrevTbarAng HwDeg M f32	-0.29347828	-0.293478251 ± 0.00390625	

DriverVelCalc



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

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	400		
HwTorque HwNm T f32	3.5999999		
PrevTbarAng HwDeg M f32	2.3900001		
TbarVelFiltSv M str.SV Uls f32	1.25870001		
TbarVelFiltSv M str.K Uls f32	0.0254699998		
VehicleSpeed_Kph_T_f32	33.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.1999998		
k CmnTbarStiff NmpDeg f32	1.5		
k InrtCmp MtrVel ScaleFactor Uls f32	0.89999976		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	360.101318	360.101318 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	2.3999986	2.4000001 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	1.35398781	1.35399091 ± 0.00390625	

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

Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-300.119995	
HwTorque_HwNm_T_f32	-3.0999999	
PrevTbarAng_HwDeg_M_f32	-1.23899996	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0214499999	
VehicleSpeed_Kph_T_f32	0	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.2999992	
k_CmnTbarStiff_NmpDeg_f32	2.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	

DriverVelCalc



Name	Innut Value		
	Input Value		
t_CmnVehSpd_Kph_u9p7[5]	896		
t_CmnVehSpd_Kph_u9p7[6]	111		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-239.688934	-239.688934 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.24000001	-1.24000001 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.30814433	2.30814505 ± 0.00390625	✓

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

Test Step 1.14 (Repeat Count = 1)			•
Name	Input Value		
CRFMotorVel MtrRadpS T f32	699.22998		
HwTorque HwNm T f32	4.19999981		
PrevTbarAng HwDeg M f32	1.19099998		
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995		
TbarVelFiltSv_M_str.K_Uls_f32	0.0369199999		
VehicleSpeed_Kph_T_f32	511.992188		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.5		
k_CmnTbarStiff_NmpDeg_f32	3.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99000001		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	693.519104	693.519104 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	1.1999993	1.20000005 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	3.26195955	3.26196074 ± 0.00390625	•

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-500.450012		
HwTorque HwNm T f32	-4.5		
PrevTbarAng HwDeg M f32	-0.996999979		
TbarVelFiltSv M str.SV Uls f32	4.56230021		
TbarVelFiltSv_M_str.K_Uls_f32	0.0125799999		
VehicleSpeed_Kph_T_f32	55.5200005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4000015		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-297.880035	-297.880005 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-1	-1 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	4.4860363	4.4860363 ± 0.00390625	

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

Test Step 1.16 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	600.630005	
HwTorque_HwNm_T_f32	-10	
PrevTbarAng_HwDeg_M_f32	-20	
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998	
TbarVelFiltSv_M_str.K_Uls_f32	0.0325700007	
VehicleSpeed_Kph_T_f32	17.1700001	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.5999985	
k_CmnTbarStiff_NmpDeg_f32	0.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	

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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	305.571442	305.571442 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	5.68316746	5.68316746 ± 0.00390625	<u> </u>

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.840027		
HwTorque_HwNm_T_f32	10		
PrevTbarAng_HwDeg_M_f32	20		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996		
TbarVelFiltSv_M_str.K_Uls_f32	0.0963210016		
VehicleSpeed_Kph_T_f32	27.9500008		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.5		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-240.374832	-240.374817 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.1408155	-2.1408155 ± 0.00390625	

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



Test Step 1.18 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	150.139999		
HwTorque HwNm T f32	0.050000007		
PrevTbarAng_HwDeg_M_f32	0		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.0478519984		
VehicleSpeed_Kph_T_f32	37.0200005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1999969		
k_CmnTbarStiff_NmpDeg_f32	10		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.9518433 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	0.0049999989	0.00499999989 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.85488033	-2.85488033 ± 0.00390625	✓

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

Test Step 1.19 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-150.619995
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-0.888999999
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978
TbarVelFiltSv_M_str.K_Uls_f32	0.235599995
VehicleSpeed_Kph_T_f32	11.0299997
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.1999969
k_CmnTbarStiff_NmpDeg_f32	8.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-30.2861042	-30.2861061 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-0.882352948	-0.882352948 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.69583821	-2.69583726 ± 0.00390625	✓

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

Test Step 1.20 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	250.240005		
HwTorque_HwNm_T_f32	8.19999981		
PrevTbarAng_HwDeg_M_f32	0.861000001		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.347900003		
VehicleSpeed_Kph_T_f32	33.0400009		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.3000031		
k_CmnTbarStiff_NmpDeg_f32	9.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.10000001		
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	Resul
DriverVelCalc()	24.7503471	24.7503471 ± 0.00009	rtooui
PrevTbarAng HwDeg M f32	0.863157868	0.863157868 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-3.36847568	-3.36847067 ± 0.00390625	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 1.21 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-250.619995

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DriverVelCalc

TbarVelFiltSv_M_str.SV_Uls_f32

Name	Input Value		
HwTorque_HwNm_T_f32	-8.5		
PrevTbarAng_HwDeg_M_f32	-16.9969997		
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001		
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999		
VehicleSpeed_Kph_T_f32	44.0499992		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-225.52951	-225.529526 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	-17	-17 ± 0.00390625	✓

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

0.639618635

0.639647722 ± 0.00390625

Test Step 1.22 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	350.140015
HwTorque_HwNm_T_f32	9.19999981
PrevTbarAng_HwDeg_M_f32	0.91900003
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995
TbarVelFiltSv_M_str.K_Uls_f32	0.336600006
VehicleSpeed_Kph_T_f32	376.059998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.7999992
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15

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Name	Input Value		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	350.286285	350.286285 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.919999957	0.920000017 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.74034667	1.74035895 ± 0.00390625	~

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

Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-350.359985		
HwTorque_HwNm_T_f32	-9.21000004		
PrevTbarAng_HwDeg_M_f32	-1.84099996		
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
VehicleSpeed_Kph_T_f32	265.019989		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5		
k_CmnTbarStiff_NmpDeg_f32	5.25		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-244.585281	-244.585297 ± 0.0009	-
PrevTbarAng HwDeg M f32	-1.75428569	-1.75428569 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	3.80800867	3.80800891 ± 0.00390625	-

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

Test Step 1.24 (Repeat Count = 1)		
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-350.359985	
HwTorque_HwNm_T_f32	-9.21000004	
PrevTbarAng_HwDeg_M_f32	-1.84099996	
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001	





Name	Input Value		
VehicleSpeed_Kph_T_f32	265.019989		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5		
k_CmnTbarStiff_NmpDeg_f32	2.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-247.082855	-247.08287 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-3.68400002	-3.68400002 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-10.4574032	-10.4574041 ± 0.00390625	~

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

Test Step 1.25 (Repeat Count = 1)		~
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	450.519989	
HwTorque_HwNm_T_f32	1.5	
PrevTbarAng_HwDeg_M_f32	1.15400004	
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021	
TbarVelFiltSv_M_str.K_Uls_f32	0.559899986	
VehicleSpeed_Kph_T_f32	187.059998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	1.29999995	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37	

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	270.322723	270.322723 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.96478438	1.96479905 ± 0.00390625	~

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

Test Step 1.26 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-450.579987		
HwTorque_HwNm_T_f32	-1.5		
PrevTbarAng_HwDeg_M_f32	-0.550999999		
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998		
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999		
VehicleSpeed_Kph_T_f32	166.080002		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100		
k_CmnTbarStiff_NmpDeg_f32	2.70000005		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-222.18248	-222.182495 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-0.55555522	-0.555555582 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.84894514	4.84894323 ± 0.00390625	_

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

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





N	Instruct Malass		
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVeI_ScaleFactorTbIY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-614.096802	-614.096802 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6370784	-1.63707829 ± 0.00390625	•

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

Test Step 1.28 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-689.690002		
HwTorque_HwNm_T_f32	2.5		
PrevTbarAng_HwDeg_M_f32	0.805000007		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996		
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995		
VehicleSpeed_Kph_T_f32	2.05999994		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22		
k_CmnTbarStiff_NmpDeg_f32	3.0999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.889999986		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-614.059814	-614.059814 ± 0.0009	✓

DriverVelCalc



Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	•
ThanVelEiltQv M etr QV I lie f32	1 6370784	1 63707820 ± 0 00300625	_

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

Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-111.410004		
HwTorque_HwNm_T_f32	-2.5		
PrevTbarAng_HwDeg_M_f32	-0.518000007		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002		
VehicleSpeed_Kph_T_f32	267.070007		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.5		
k_CmnTbarStiff_NmpDeg_f32	4.80000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	68		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-35,2845802	-35.2845802 ± 0.00009	rtoouit
PrevTbarAng HwDeg M f32	-0.520833313	-0.520833313 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-2.51150656	-2.51151133 ± 0.00390625	

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

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

DriverVelCalc



N	Inner Maline		
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	43.5075684	43.5075684 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076928 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.87615919	-1.87615943 ± 0.00390625	~

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

Name	Input Value		
	· ·		
CRFMotorVel_MtrRadpS_T_f32	-222.149994		
HwTorque_HwNm_T_f32	-3.5		
PrevTbarAng_HwDeg_M_f32	-0.513400018		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008		
VehicleSpeed_Kph_T_f32	467.079987		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1000004		
k_CmnTbarStiff_NmpDeg_f32	6.80000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.10000001		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	97		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-23.2337227	-23.2337227 ± 0.00009	rtoou
PrevTbarAng HwDeg M f32	-0.514705896	-0.514705896 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.74100852	-2.74100995 ± 0.00390625	

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	333.170013		
HwTorque HwNm T f32	4.5		
PrevTbarAng HwDeg M f32	0.614000022		
TbarVelFiltSv M str.SV Uls f32	1.25870001		
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981		
VehicleSpeed Kph T f32	166.919998		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5999985		
k CmnTbarStiff NmpDeg f32	7.30000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006		
t CmnVehSpd Kph u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	133.268005	133.268005 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	0.616438329	0.616438329 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	1.23370099	1.23371661 ± 0.00390625	

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

Test Step 1.33 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-333.619995	
HwTorque_HwNm_T_f32	-4.5	
PrevTbarAng_HwDeg_M_f32	-0.916999996	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001	
VehicleSpeed_Kph_T_f32	10.0500002	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.7999992	
k_CmnTbarStiff_NmpDeg_f32	4.9000001	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	

DriverVelCalc

TbarVelFiltSv_M_str.SV_Uls_f32

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2.32455587 ± 0.00390625

Name	Input Value		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-198.679001	-198.678986 ± 0.0009	•
PrevTbarAng HwDeg M f32	-0.918367326	-0.918367326 ± 0.00390625	•

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

2.32455587

Name	Input Value		
CRFMotorVel MtrRadpS T f32	444.519989		
HwTorque HwNm T f32	5.5		
PrevTbarAng HwDeg M f32	1.05599999		
TbarVelFiltSv M str.SV UIs f32	3.21449995		
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999		
VehicleSpeed_Kph_T_f32	377.059998		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5		
k_CmnTbarStiff_NmpDeg_f32	5.19999981		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976		
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	Resul
DriverVelCalc()	402.516144	402.516144 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	1.05769229	1.05769229 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.91656208 ± 0.00390625	•

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



Test Step 1.35 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-699.630005		
HwTorque_HwNm_T_f32	-5.5		
PrevTbarAng_HwDeg_M_f32	-0.889999986		
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021		
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995		
VehicleSpeed_Kph_T_f32	38.1699982		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	29.2000008		
k_CmnTbarStiff_NmpDeg_f32	6.0999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	0.81372714	0.813727558 ± 0.0000009	~
PrevTbarAng_HwDeg_M_f32	-0.901639342	-0.901639342 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.10696244	2.10696363 ± 0.00390625	•

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

Test Step 1.36 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	555.73999
HwTorque_HwNm_T_f32	6.5
PrevTbarAng_HwDeg_M_f32	0.829999983
TbarVelFiltSv_M_str.SV_Uls_f32	5.8744998
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
VehicleSpeed_Kph_T_f32	1.17999995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	56.5
k_CmnTbarStiff_NmpDeg_f32	7.80000019
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	559.405396	559.405457 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333313 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	4.36498117	4.36498165 ± 0.00390625	✓

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-555.809998		
HwTorque_HwNm_T_f32	-6.5		
PrevTbarAng_HwDeg_M_f32	-0.779999971		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996		
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001		
VehicleSpeed_Kph_T_f32	276.190002		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3000002		
k_CmnTbarStiff_NmpDeg_f32	8.30000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	39		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	40		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	41		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-278.061462	-278.061462 ± 0.0009	Resul
PrevTbarAng HwDeg M f32	-0.783132493	-0.783132553 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-1.98484111	-1.98484313 ± 0.00390625	

Name	Actual value	Expected value	IXESUIT
DriverVelCalc()	-278.061462	-278.061462 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.783132553 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.98484313 ± 0.00390625	~

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

Test Step 1.38 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	666.859985

DriverVelCalc

PrevTbarAng_HwDeg_M_f32 TbarVelFiltSv_M_str.SV_Uls_f32 2015-10-26, 12:12:40+0530



0.806451619 ± 0.00390625

-3.11539769 ± 0.00390625

Name	Input Value		
HwTorque_HwNm_T_f32	7.5		
PrevTbarAng_HwDeg_M_f32	0.799000025		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
VehicleSpeed_Kph_T_f32	354.200012		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	64.4000015		
k_CmnTbarStiff_NmpDeg_f32	9.30000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	331.76123	331.76123 ± 0.0009	~

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

0.806451619 -3.11539769

Test Step 1.39 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-666.710022
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-6.24900007
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
VehicleSpeed_Kph_T_f32	254.520004
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-267.125366	-267.125397 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-6.24999952	-6.25 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6527853	-1.65298176 ± 0.00390625	~

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

Test Step 1.40 (Repeat Count = 1)			~
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	134.520004		
HwTorque_HwNm_T_f32	8.5		
PrevTbarAng_HwDeg_M_f32	3.8599999		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981		
VehicleSpeed_Kph_T_f32	154.630005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.0999985		
k_CmnTbarStiff_NmpDeg_f32	2.2000005		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
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	Resul
DriverVelCalc()	39.8233643	39.8233604 ± 0.00009	
PrevTbarAng HwDeg M f32	3.86363626	3.86363626 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-1.30036688	-1.30036557 ± 0.00390625	-

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

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



DriverVelCalc	2013-10-20, 12.12.40+0330		Razorcat
Name	Input Value		
VehicleSpeed_Kph_T_f32	55.2400017		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6000004		
k_CmnTbarStiff_NmpDeg_f32	3.5999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.20000003		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result

Name	Actual Value	Expected Value	Result
DriverVelCalc()	-93.6095047	-93.6094971 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.36111116 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.26808786 ± 0.00390625	✓

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

Test Step 1.42 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	263.420013
HwTorque_HwNm_T_f32	9.5
PrevTbarAng_HwDeg_M_f32	2.25
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.287400007
VehicleSpeed_Kph_T_f32	444.519989
k_CmnSysKinRatio_MtrDegpHwDeg_f32	21.7000008
k_CmnTbarStiff_NmpDeg_f32	4.19999981
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	27.5082359	27.5082283 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	2.26190495	2.26190472 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	6.46143246	6.4614048 ± 0.00390625	~

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

Test Step 1.43 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-522.630005		
HwTorque_HwNm_T_f32	-9.5		
PrevTbarAng_HwDeg_M_f32	-1.81900001		
TbarVelFiltSv_M_str.SV_Uls_f32	0		
TbarVelFiltSv_M_str.K_Uls_f32	0.0254790001		
VehicleSpeed_Kph_T_f32	333.619995		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	45.7999992		
k_CmnTbarStiff_NmpDeg_f32	5.19999981		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-470.382141	-470.382141 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.82692313	-1.82692313 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.10093604 ± 0.00390625	~

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

Test Step 1.44 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	357.25	
HwTorque_HwNm_T_f32	1.56299996	
PrevTbarAng_HwDeg_M_f32	0.250999987	
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994	
VehicleSpeed_Kph_T_f32	222.419998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	76.9000015	
k_CmnTbarStiff_NmpDeg_f32	6.19999981	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012	

DriverVelCalc

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Name	Input Value		
t CmnVehSpd Kph u9p7[0]	6784		
	6912		
t_CmnVehSpd_Kph_u9p7[1]	**		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	288.110321	288.110291 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.252096772	0.252096772 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	5.50824165	5.50824165 ± 0.00390625	~

Test Step 1.45 (Repeat Count = 1)			•
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-464.25		
HwTorque HwNm T f32	-2.64499998		
PrevTbarAng HwDeg M f32	-0.352499992		
TbarVelFiltSv M str.SV Uls f32	-5.14230013		
TbarVelFiltSv_M_str.K_Uls_f32	0.024588		
VehicleSpeed_Kph_T_f32	111.519997		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5		
k CmnTbarStiff NmpDeg f32	7.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988		
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	Resul
DriverVelCalc()	-326.341705	-326.341705 ± 0.0009	-
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666676 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-5.01791048	-5.01791 ± 0.00390625	

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DriverVelCalc



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FrqDepDmpnInrtCmp_Init

Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX FrgDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\4\(\text{PROJECTROOT}\)\\FrqDepDmpnInrtCmp\utp\contract\4\(\text{PROJECTROOT}\)\\NxtrLib\\nclude -I\$(PROJECTROOT)\\\NxtrLib\\nclude -I\$(PROJECTROOT)\\\NxtrLib\\nclude -I\$(PROJECTROOT)\\\NxtrLib\\nclude -I\$(PROJECTROOT)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/	Specification Specific at 10 miles and 10 miles
Name	Text
Module 'FDD_Inertia_FLTINJ'	Name of Tester: Jayesh Jahagirdar
	Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency Dependent Damping And Inertia Compensation MDD.doc
	Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994
	Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements:
	Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function, the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy Work Area\9BXX FrqDepDmpnInrtCmp\UnitTestEnv\confiq\UDE TMS570 DEBUG.WSP



Test Case 1: Boundary Test

Specification

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

CPU Cycles:

TS1.1 116.00 Cycles
TS1.2 117.00 Cycles
TS1.3 116.00 Cycles
TS1.4 117.00 Cycles
TS1.5 117.00 Cycles
TS1.6 117.00 Cycles
TS1.6 117.00 Cycles
TS1.7 115.00 Cycles
TS1.8 115.00 Cycles
TS1.9 117.00 Cycles
TS1.10 117.00 Cycles
TS1.11 118.00 Cycles
TS1.12 118.00 Cycles
TS1.13 115.00 Cycles
TS1.14 115.00 Cycles

Test Vector Description: Description

TS1.1 All min TS1.2 All max

TS1.2 All max
TS1.3 k_InttCmp_TBarVelLPFKn_Hz_f32 = min
TS1.4 k_InttCmp_TBarVelLPFKn_Hz_f32 = max
TS1.5 k_InttCmp_TBarVelLPFKn_Hz_f32 = mid
TS1.6 k_InttCmp_TBarVelLPFKn_Hz_f32 = mid
TS1.6 k_IntCmp_TBarVelLPFKn_Hz_f32 = default
TS1.7 TbarVelFiltSv_M_str.K = min
TS1.8 TbarVelFiltSv_M_str.K = mid
TS1.9 TbarVelFiltSv_M_str.K = mid
TS1.10 TbarVelFiltSv_M_str.SV = min
TS1.11 TbarVelFiltSv_M_str.SV = max
TS1.12 TbarVelFiltSv_M_str.SV = pos
TS1.14 TbarVelFiltSv_M_str.SV = pos
TS1.14 TbarVelFiltSv_M_str.SV = neq

TS1.14 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)			V
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	~



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Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.68739986		
TbarVelFiltSv_M_str.K_Uls_f32	0.269800007		
k_InrtCmp_TBarVelLPFKn_Hz_f32	100		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	0.715390444 ± 0.000125655810790826	~

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

Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5632		
TbarVelFiltSv_M_str.K_Uls_f32	0.145229995	0.145229995	
k_InrtCmp_TBarVelLPFKn_Hz_f32	20		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.222232342	0.222232327 ± 0.000125655810790826	•

Test Step 1.7 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	2.55769992		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	25.2000008		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.271430731	0.271430701 ± 0.000125655810790826	•

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	3.99850011		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	0.715390444	
k_InrtCmp_TBarVelLPFKn_Hz_f32	26	26	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.278718412	0.278718382 ± 0.000125655810790826	~

Test Step 1.9 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.12300014		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981	0.587459981	
k_InrtCmp_TBarVelLPFKn_Hz_f32	35.25	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	•

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Test Step 1.10 (Repeat Count = 1)			~
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.532140017		
k_InrtCmp_TBarVelLPFKn_Hz_f32	84		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.652007818	0.652007759 ± 0.000125655810790826	~

Test Step 1.11 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
k_InrtCmp_TBarVelLPFKn_Hz_f32	95.0100021		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.696972251	0.696972251 ± 0.000125655810790826	~

Test Step 1.12 (Repeat Count = 1)			V
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	0		
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997	0.0258959997	
k_InrtCmp_TBarVelLPFKn_Hz_f32	41.2000008		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	•
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.404131055	0.404131025 ± 0.000125655810790826	~

Test Step 1.13 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995		
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981	0.632139981	
k_InrtCmp_TBarVelLPFKn_Hz_f32	56.3499985		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.507428169	0.507428169 ± 0.000125655810790826	~

Test Step 1.14 (Repeat Count = 1)			V
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	~

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FrqDepDmpnInrtCmp_Per1

Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\-1\$(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\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\\$(PROJECTROOT) \ \NxtrLib\include -I\\$(PROJECTROOT)\StdDef\include -I\\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/	Specification Specific at 10 miles and 10 miles
Name	Text
Module 'FDD_Inertia_FLTINJ'	Name of Tester: Jayesh Jahagirdar
	Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency Dependent Damping And Inertia Compensation MDD.doc
	Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994
	Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements:
	Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function, the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	
Timer Unit	Cycles	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Metrics Test

Specification

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

CPU Cycles:

TS1.1 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	1.10000002
Prev1ScIDrvVel RadpS M f32	2205.30005
Prev2PreAttnComp MtrNm M f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_UIs_	tgt Rte Call Ap FrgDepDmpnInrtCmp 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	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k CmnTbarStiff NmpDeg f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976
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
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[3]	512	
CmnVehSpd Kph u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd_Kph_u9p7[6]	896	
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd Kph u9p7[11]	1536	
	4506	
DmpADDCoefX_MtrNm_u4p12[0]		
DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
DmpADDCoefX_MtrNm_u4p12[3]	5734	
DmpADDCoefX_MtrNm_u4p12[4]	6144	
DmpADDCoefX_MtrNm_u4p12[5]	6554	
DmpADDCoefX_MtrNm_u4p12[6]	6963	
DmpADDCoefX_MtrNm_u4p12[7]	7373	
DmpADDCoefX_MtrNm_u4p12[8]	7782	
DmpADDCoefX_MtrNm_u4p12[9]	8192	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY_UlspS_u13p3[3]	432	
DmpDecelGainSlewY_UlspS_u13p3[4]	440	
DmpDecelGainSlewY_UlspS_u13p3[5]	448	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
DmpFiltKpWIRBIndY Uls u2p14[1]	3277	
DmpFiltKpWIRBIndY Uls u2p14[2]	4915	
DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554	
DmpFiltKpWIRBIndY_UIs_u2p14[4]	8192	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	523	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
FDD_AttenTblY_Uls_u8p8[0]	49	
FDD_AttenTblY_Uls_u8p8[1]	51	
FDD_BlendTblY_Uls_u8p8[0]	3	
FDD_BlendTblY_Uls_u8p8[1]	5	
FDD_BlendTblY_Uls_u8p8[2]	8	
FDD_BlendTblY_Uls_u8p8[3]	10	
FDD_BlendTblY_Uls_u8p8[4]	13	
FDD_BlendTblY_Uls_u8p8[5]	15	
FDD_BlendTbIY_Uls_u8p8[6]	18	
FDD_BlendTblY_Uls_u8p8[7]	20	
FDD_BlendTblY_Uls_u8p8[8] FDD_BlendTblY_Uls_u8p8[0]	23	
FDD_BlendTblY_Uls_u8p8[9]	26	
FDD_BlendTblY_Uls_u8p8[10]	28	
FDD_BlendTblY_Uls_u8p8[11]	31	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	90		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t RIAstWIRBIndTbIY Uls u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uis_u2p14[1]	4915		
t RIAstWIRBIndTbIY Uls u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
	282		
t_WIRBIndTbIX_MtrNm_u8p8[0]	307		
t_WIRBIndTbIX_MtrNm_u8p8[1]	333		
t_WIRBIndTbIX_MtrNm_u8p8[2]			
t_WIRBIndTblX_MtrNm_u8p8[3]	358		
t_WIRBIndTblX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.2000008		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu

	3- 1 1 1 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1.11199999	1.11199999 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	128.764511	128.764511 ± 0.0009	•
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	~
tot FroDenDmonlortCmp Per1 FroDenDmonlortCmp MtrNm f32 value	-1 20000005	-1 20000005 + 0 00048828125	-



Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte Call FrqDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	•

Test Step 1.2 (Repeat Count = 1)	v v
Name	Input Value
PreDecelGain Uls M f32	125487.234
Prev1PreAttnComp MtrNm M f32	1.10000002
Prev1ScIDrvVel RadpS M f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2ScIDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_L	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv M str.K Uls f32	0.125799999
k CmnSysKinRatio MtrDegpHwDeg f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
12_1	48
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
tz_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48
E_I DD_I TCQTDI TWI_TE_UT2P4[1][1]	T∪

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гідоеротріппістр_гегі		
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2 FDD FreqTbIYM Hz u12p4[1][11]	208	
CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[2]	512	
	640	
CmnVehSpd_Kph_u9p7[4] CmnVehSpd_Kph_u9p7[5]	768	
	896	
CmnVehSpd_Kph_u9p7[6]		
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
DmpADDCoefX_MtrNm_u4p12[0]	4506	
DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
DmpADDCoefX_MtrNm_u4p12[7]	7373	
DmpADDCoefX_MtrNm_u4p12[8]	7782	
DmpADDCoefX_MtrNm_u4p12[9]	8192	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
DmpDecelGainSlewX MtrRadpS u11p5[1]	3584	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
_DmpDecelGainSlewY_UlspS_u13p3[3]	432	
	440	
_DmpDecelGainSlewY_UlspS_u13p3[4] _DmpDecelGainSlewY_UlspS_u13p3[5]	440	
DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
FDD_AttenTblY_Uls_u8p8[0]	49	
FDD_AttenTblY_Uls_u8p8[1]	51	
FDD_BlendTbIY_UIs_u8p8[0]	3	
FDD_BlendTblY_Uls_u8p8[1]	5	
	8	
FDD_BlendTblY_Uls_u8p8[2]		
FDD_BlendTblY_Uls_u8p8[3]	10	
_FDD_BlendTblY_Uls_u8p8[4]	13	
_FDD_BlendTblY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
_FDD_BlendTblY_Uls_u8p8[7]	20	
_FDD_BlendTblY_Uls_u8p8[8]	23	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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		
_ :	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]			
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_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-21.3199997		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.20000005		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	Hwl tgt_FrqDepDmpnInrtCmp_Per1_HwTorque I	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
Name	Actual Value	Expected Value	Resu
ProPossiCoin IIIa M 622	405407 004	125407 224 + 0.0025	itesu

<u> </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.234	125487.234 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899641	14899642 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	✓
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.20000005 ± 0.00048828125	✓





Test Case 2: Boundary Test

Specification

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

CPU Cycles:

5738.00 Cycles 5800.00 Cycles 5953.00 Cycles 5979.00 Cycles 5952.00 Cycles 5821.00 Cycles TS2.1 TS2.2 TS2.3 TS2.4 TS2.5 TS2.6 TS2.7 5962.00 Cvcles 5962.00 Cycles 6964.00 Cycles 5881.00 Cycles 5780.00 Cycles 5763.00 Cycles 5814.00 Cycles 5814.00 Cycles TS2.8 TS2.9 TS2.10 TS2.11 TS2.12 TS2.13 5815.00 Cycles 5785.00 Cycles 5987.00 Cycles 5789.00 Cycles 5711.00 Cycles TS2.14 TS2.15 TS2.16 TS2.17 TS2.18 5711.00 Cycles 5767.00 Cycles 5767.00 Cycles 5711.00 Cycles 6106.00 Cycles 5803.00 Cycles 5783.00 Cycles 5792.00 Cycles 5792.00 Cycles 5794.00 Cycles 5811.00 Cycles 5826.00 Cycles 5816.00 Cycles 5781.00 Cycles 5781.00 Cycles 5781.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5789.00 Cycles TS2.19 TS2.20 TS2.21 TS2.22 TS2.23 TS2.24 TS2.25 TS2.26 TS2.27 TS2.28 TS2.29 TS2.30 TS2.31 TS2.32 TS2.33 TS2.34 TS2.35

Description

Test Vector Description:

TS2.1 All min

TS2.2 All max

TS2.3 HwTorque HwNm_f32 = min TS2.4 HwTorque HwNm_f32 = max TS2.5 HwTorque HwNm_f32 = zero

TS2.5 HwTorque_HwNm_f32 = zero
TS2.6 HwTorque_HwNm_f32 = neg
TS2.7 HwTorque_HwNm_f32 = pos
TS2.8 CRFMotorVel_MtrRadpS_f32 = min
TS2.9 CRFMotorVel_MtrRadpS_f32 = max
TS2.10 CRFMotorVel_MtrRadpS_f32 = zero
TS2.11 CRFMotorVel_MtrRadpS_f32 = neg
TS2.12 CRFMotorVel_MtrRadpS_f32 = neg

TS2.12 CRFMotorVel_MtrRadpS_f32 = pos TS2.13 BaseAssistCmd_MtrNm_f32 = min TS2.14 BaseAssistCmd_MtrNm_f32 = max

TS2.15 BaseAssistCmd_MtrNm_f32 = zero
TS2.16 BaseAssistCmd_MtrNm_f32 = neg
TS2.17 BaseAssistCmd_MtrNm_f32 = pos

TS2.18

TS2.19

TS2.20 TS2.21

TS2.22

VehicleSpeed_Kph_f32 = min
VehicleSpeed_Kph_f32 = min
VehicleSpeed_Kph_f32 = max
VehicleSpeed_Kph_f32 = pos
WIRCmdAmpBlnd_MtrNm_f32 = min
WIRCmdAmpBlnd_MtrNm_f32 = max
WIRCmdAmpBlnd_MtrNm_f32 = pos
FaceDenosicOnternation TS2.23

WIRCHOAMPBING_MITNIT_132 = pos FreqDepDmpSrlComSvcDff_Cnt_lgc = min FreqDepDmpSrlComSvcDff_Cnt_lgc = max VehicleLonAccel_KphpS_f32 = min VehicleLonAccel_KphpS_f32 = max VehicleLonAccel_KphpS_f32 = zero VehicleLonAccel_KphpS_f32 = neg TS2.24

TS2.25

TS2.26 TS2.27

TS2 28

TS2.29

VehicleLonAccel_KphpS_132 = neg
VehicleLonAccel_KphpS_132 = pos
Rte_Call_FitInjection_SCom_FitInjection=min
Rte_Call_FitInjection_SCom_FitInjection=max
Rte_Call_FitInjection_SCom_FitInjection=zero TS2.31

TS2.32

TS2.34 Rte_Call_FitInjection_SCom_FitInjection=pos
TS2.35 Rte_Call_FitInjection_SCom_FitInjection=neg

Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019
Prev1SclDrvVel_RadpS_M_f32	-12917.2998
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019
Prev2SclDrvVel_RadpS_M_f32	-12917.2998
PrevTbarAng_HwDeg_M_f32	-20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_FltInjection_SCom_	tion(SignalPath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FItInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	1

FrqDepDmpnInrtCmp_Per1

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Name	Input Value
k_DmpDecelGain_Uls_f32	1
k DmpGainOffThresh KphpS f32	0
k_DmpGainOnThresh_KphpS_f32	0
	9.9999975e-006
k_InrtCmp_MtrInertia_KgmSq_f32	
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
	16
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	
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
	0
t_CmnVehSpd_Kph_u9p7[7]	
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
	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	

FrqDepDmpnInrtCmp_Per1

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riquepumpimintomp_reri	
Name	Input Value
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
DmpDecelGainSlewX MtrRadpS u11p5[3]	0
	0
DmpDecelGainSlewX MtrRadpS u11p5[5]	0
mpDecelGainSlewY_UlspS_u13p3[0]	8
_DmpDecelGainSlewY_UlspS_u13p3[1]	8
_DmpDecelGainSlewY_UlspS_u13p3[2]	8
_DmpDecelGainGlewY_UlspS_u13p3[3]	8
_DmpDecelGainSlewY_UlspS_u13p3[4]	8
	8
_DmpDecelGainSlewY_UlspS_u13p3[5]	0
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0
_FDD_AttenTblX_MtrRadpS_u12p4[0]	0
_FDD_AttenTblX_MtrRadpS_u12p4[1]	0
_FDD_AttenTblY_Uls_u8p8[0]	0
FDD_AttenTblY_Uls_u8p8[1]	0
_FDD_BlendTblY_Uls_u8p8[0]	0
FDD_BlendTblY_Uls_u8p8[1]	0
_FDD_BlendTblY_Uls_u8p8[2]	0
FDD_BlendTbIY_Uls_u8p8[3]	0
_FDD_BlendTblY_Uls_u8p8[4]	0
_FDD_BlendTblY_Uls_u8p8[5]	0
_FDD_BlendTblY_Uls_u8p8[6]	0
_FDD_BlendTblY_Uls_u8p8[7]	0
_FDD_BlendTblY_Uls_u8p8[8]	0
FDD BlendTblY Uls u8p8[9]	0
	0
_FDD_BlendTblY_Uls_u8p8[10]	
_FDD_BlendTblY_Uls_u8p8[11]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0
InttCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0
	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	
_RIAstWIRBIndTblY_Uls_u2p14[0]	0
_RIAstWIRBIndTblY_Uls_u2p14[1]	0
_RIAstWIRBIndTbIY_Uls_u2p14[2]	0
_RIAstWIRBIndTbIY_Uls_u2p14[3]	0
_RIAstWIRBIndTbIY_Uls_u2p14[4]	0
_WIRBIndTbIX_MtrNm_u8p8[0]	0
_WIRBIndTbIX_MtrNm_u8p8[1]	0
t_WIRBIndTbIX_MtrNm_u8p8[2]	0



Name	Input Value		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.80000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.80000019		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_prop} \\$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Rep_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_Rep_Inst_R$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_Fre$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwMax = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_h	HwNm_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp \ \ Per1 \ \ VehicleLonAccessories \ \ VehicleLonAccessories \ \ Per2 \ \ VehicleLonAccessories \ \ Per3 \ \ VehicleLonAccessories \ \ Per3 \ \ VehicleLonAccessories \ \ Per3 \ \ \ \ Per3 \ \ \ \ Per3 \ \ \ Per3 \ \ \ Per3 \ \ \ \ Per3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_RepUppDmpnInrtCmp_Per1_VehicleSpeed_Inst_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUppDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrtCmp_RepUpDmpnInrt$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	ed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlackers$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.79862785 ± 0.000009	~
	-0	0 ± 0.00390625	
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390023	_

PreDecelGain Uls M f32	1	1 + 0.0625	
Prev1PreAttnComp MtrNm M f32	-8.79862881	-8.79862785 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✓
Test Step Call Trace			V

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	-
GenFddlcCmd	1	GenFddlcCmd	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	-

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	4.2949673e+009
Prev1PreAttnComp_MtrNm_M_f32	8.80000019
Prev1SclDrvVel_RadpS_M_f32	12917.2998
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	12917.2998
PrevTbarAng_HwDeg_M_f32	1.01333404
$Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_CallAp_SCom_FltInjection(SignalPath_Uls_CallAp_SCom_FltInjection)$	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_DmpDecelGainFSlew_UlspS_f32	4500
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	50
k_DmpGainOnThresh_KphpS_f32	50
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTbIYM_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

FrqDepDmpnInrtCmp_Per1

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Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	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 1600
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 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][10]	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 32640
t_CmnVehSpd_Kph_u9p7[11]	36045
t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384

2015-10-26, 12:24:18+0530



Name	Input Value
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	16384
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384
_DmpFiltKpWlRBIndY_Uls_u2p14[4]	16384
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554 6554
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	6554
	6554
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	6554
	6554
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] _FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600
_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600
_FDD_AttenTblY_Uls_u8p8[0]	256
_FDD_AttenTblY_Uis_u8p8[1]	256
_FDD_BlendTblY_Uls_u8p8[0]	256
_FDD_BlendTblY_Uls_u8p8[1]	256
	256
_FDD_BlendTblY_Uls_u8p8[2] _FDD_BlendTblY_Uls_u8p8[3]	256
	256
_FDD_BlendTblY_Uls_u8p8[4] FDD_BlendTblY_Uls_u8p8[5]	256
_FDD_BlendTblY_Uls_u8p8[5] FDD_BlendTblY_Uls_u8p8[6]	256
_FDD_BlendTblY_Uls_u8p8[6] FDD_BlendTblY_Uls_u8p8[7]	256
_FDD_BlendTbIY_Uis_u8p8[8]	256
_FDD_BlendTbIY_Uis_u8p8[9]	256
	256
_FDD_BlendTblY_Uls_u8p8[10] _FDD_BlendTblY_Uls_u8p8[11]	256
	384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[0] _InrtCmp_ScaleFactorTbIY_Uls_u9p7[1]	384
	384
_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]	
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3] _InrtCmp_ScaleFactorTbIY_Uls_u9p7[4]	384 384
	384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[5] _InrtCmp_ScaleFactorTbIY_Uls_u9p7[6]	384
	384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[7] InrtCmp_ScaleFactorTbIY_Uls_u9p7[8]	384
InrtCmp ScaleFactorTblY Uls u9p7[9]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	128
_intChip_TBatVci_ocalet actorTblY_Uls_u9p7[2]	128
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	128
_intCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
_intCrip_1BarVel_ScaleFactor1bit_Dis_u9p7[5] _inrtCmp_TBarVel_ScaleFactorTbity_Uls_u9p7[6]	128
_initCritp_1BarVet_ScaleFactor1bit_bis_u9p7[6] _initCritp_TBarVet_ScaleFactorTbiY_Uls_u9p7[7]	128
_initCnip_rBarVei_ScaleFactorTbiY_Uis_u9p7[7] _inrtCmp_TBarVei_ScaleFactorTbiY_Uis_u9p7[8]	128
_intCrip_1BarVel_ScaleFactor1bit_dis_u9p7[6] _InrtCrip_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
_initChip_1BarVel_ScaleFactorTbiY_Uis_u9p7[9] _inrtCmp_TBarVel_ScaleFactorTbiY_Uis_u9p7[10]	128
_intCrip_1BarVel_ScaleFactor1bit_Dis_u9p7[10] _inrtCmp_TBarVel_ScaleFactorTbiY_Uls_u9p7[11]	128
RIAstWIRBIndTblY Uls u2p14[0]	16384
_RIAStWIRBINdTbIY_UIS_u2p14[0] _RIAstWIRBIndTbIY_UIs_u2p14[1]	16384
RIAStWIRBINGTBIY_UIS_U2p14[1] RIAStWIRBINdTbIY_UIS_u2p14[2]	16384
, , , ,	16384
_RIAstWIRBIndTbIY_UIs_u2p14[3]	
_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384 2048
_WIRBIndTblX_MtrNm_u8p8[0]	2048
_WIRBIndTblX_MtrNm_u8p8[1]	2048
_WIRBIndTblX_MtrNm_u8p8[2]	2048
_WIRBIndTblX_MtrNm_u8p8[3]	2048
_WIRBIndTblX_MtrNm_u8p8[4]	
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.992188
AL FRANCISCO DE PORTE WIRE MAAMAKING MITNIM 132 VALUE	8.80000019
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	8.80000019

FrqDepDmpnInrtCmp_Per1

Prev2PreAttnComp_MtrNm_M_f32

Prev2ScIDrvVel_RadpS_M_f32

PrevTbarAng_HwDeg_M_f32

TbarVelFiltSv_M_str.SV_Uls_f32

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$



8.80000019 ± 0.00048828125

12917.2998 ± 0.00390625

-2.87210178 ± 0.00390625 8.80000019 ± 0.00048828125

1 ± 0.00390625

Name	Input Value		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	I_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor	Vel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_Per1_FreqDepDmprInrtCmp_$	oSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpn$	wi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque	_HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonA$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLor	nAccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpee$	d_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	eed_Kph_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAm	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2.45381431e+011	-2.45381464e+011 ± 999999.9	•
ProvisciOn Vol. Padrs. M. 632	1112 08718	1112 98718 + 0 00390625	_

8.80000019

12917.2998

-2.8721137

8.80000019

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	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	125487.234
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2ScIDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
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	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976
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

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Name	Input Value	
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][7]	2728	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	32	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTbIYM_Hz_u12p4[1][5] 2_FDD_FreqTbIYM_Hz_u12p4[1][6]	112 128	
2_FDD_FreqTblYM_Hz_u12p4[1][7] 2_FDD_FreqTblYM_Hz_u12p4[1][8]	144	
z_FDD_Freq1blYM_Hz_u12p4[1][8] 2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_freqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
_DmpDecelGainSlewY_UlspS_u13p3[3]	432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]		
_FDD_ADDStatic1blY_MtrNmpRadpS_um1p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2583 3099	

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Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTbIY_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_UIs_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[4]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[7]	115	
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 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 RIAstWIRBIndTblY Uls u2p14[0]	1638	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	282	
t_WIRBIndTbIX_MtrNm_u8p8[1]	307	
t_WIRBIndTbIX_MtrNm_u8p8[2]	333	
t_WIRBIndTbiX_MtrNm_u8p8[3]	358	
t_WIRBIndTbIX_MtrNm_u8p8[4]	384	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.20000005	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistCmp_Per1_BaseAssistC$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorV$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpStart(Cmp_Per1_FreqDepDmpSt$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwriter = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCm$	l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp. FrqDepDmpnInrtCmp \ \ Per1 \ \ WIRCmdAmpError \ \ Perror \ \ \ WIRCmdAmpError \ \ \ Perror \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Resul
ProDecelCain Ille M f32	125487 031 125487 031 ± 0.0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	~
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	~

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FrqDepDmpnlı	nrtCmp	Per1

Name	Actual Value	Expected Value	Result
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.20000005 ± 0.00048828125	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Name	Input Value
PreDecelGain_Uls_M_f32	125589.211
	-1.10000002
Prev1PreAttnComp_MtrNm_M_f32	
Prev1ScIDrvVel_RadpS_M_f32	-445.299988
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019
Prev2ScIDrvVel_RadpS_M_f32	-220.300003
PrevTbarAng_HwDeg_M_f32	4.33900023
Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjection(SignalPath U	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
"barVelFiltSv_M_str.SV_UIs_f32	-2.5
barVelFiltSv_M_str.K_Uls_f32	0.236499995
_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
CmnTbarStiff_NmpDeg_f32	2.29999995
C_DmpDecelGainFSlew_UlspS_f32	200.029999
C_DmpDecelGain_Uls_f32	3.5999999
C_DmpGainOffThresh_KphpS_f32	20.2000008
_DmpGainOnThresh_KphpS_f32	35.2999992
c_InrtCmp_MtrInertia_KgmSq_f32	9.0000014e-005
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	3614
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][7]	4129
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][8]	4644
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	5159
2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
	48
2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
2 FDD FreqTbIYM Hz u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144

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FrqDepDmpnInrtCmp_Per1 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] 208 224 t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] 2560 3840 t_CmnVehSpd_Kph_u9p7[1] 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 15360 t CmnVehSpd Kph u9p7[10] 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 1254 1364 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]

1475

1585

1695

352

400

65

68

5

8

10

13

 $t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]$

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]

t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]

t FDD AttenTblX MtrRadpS u12p4[0]

t_FDD_AttenTbIX_MtrRadpS_u12p4[1]

t FDD AttenTblY Uls u8p8[0]

t_FDD_AttenTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[0]

t_FDD_BlendTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[2]

t_FDD_BlendTblY_Uls_u8p8[3]

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FrqDepDmpnInrtCmp_Per1

FrqDepDmpnInnCmp_Per1		· ·	ad Citab
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	538 563		
	589		
t_WIRBIndTblX_MtrNm_u8p8[2] t WIRBIndTblX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.19999981		
tgt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-600.299988		
tgt FrqDepDmpnInrtCmp Per1 FreqDepDmpSrlComSvcDft Cnt lgc.value	1		
tgt FrqDepDmpnInrtCmp Per1 HwTorque HwNm f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.0300007		
tgt FrqDepDmpnInrtCmp Per1 VehicleSpeed Kph f32.value	200.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.2999995		
tgt Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjectio	1.2999995		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc		stCmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	- · · · ·		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	
Prev1PreAttnComp MtrNm M f32	-321190.063	-321190.156 ± 0.9	•
Prev1ScIDrvVel RadpS M f32	-480.309448	-480.309448 ± 0.00390625	
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	•
Prev2ScIDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_UIs_f32	-0.865101695	-0.865065217 ± 0.00390625	•
tat FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	1 2999995	1 29999995 + 0 00048828125	

1.29999995

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 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

1.29999995 ± 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	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.5 (Repeat Count = 1)	· Control of the cont
Name	Input Value
PreDecelGain_Uls_M_f32	125691.188
Prev1PreAttnComp_MtrNm_M_f32	2.20000005
Prev1SclDrvVel_RadpS_M_f32	292.600006
Prev2PreAttnComp_MtrNm_M_f32	6.80000019
Prev2ScIDrvVel_RadpS_M_f32	105.099998
PrevTbarAng_HwDeg_M_f32	-0.00100000005
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	n_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	0.358740002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2000008
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	4.5
k_DmpGainOffThresh_KphpS_f32	22.1000004
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2_FDD_ADDRollingTbIYM_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 FreqTbIYM 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_rreqTblYM_Hz_u12p4[0][7]	160
t2_FDD_reqTblYM_Hz_u12p4[0][7]	176
t2_FDD_rreqTblYM_Hz_u12p4[0][9]	192
t2_FDD_rreqTblYM_Hz_u12p4[0][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][11] t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	64
tz_FDD_FreqTblYM_Hz_u12p4[1][0] t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
E_1 DD_11041011W_112_412P4[1][1]	VV

FrqDepDmpnInrtCmp_Per1

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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_FreqTbIYM_Hz_u12p4[1][5]	144	
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	160	
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	176	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	192	
t2_FDD_FreqTbIYM_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 13107	
t_DmpADDCoefX_MtrNm_u4p12[1]		
t_DmpADDCoefX_MtrNm_u4p12[2] t DmpADDCoefX_MtrNm_u4p12[3]	13517 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[0]	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_ADDStaticTbIY_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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
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 RIAstWIRBIndTblY Uls u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTblX_MtrNm_u8p8[4]	896		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	7.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	500.399994		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	300.049988		
tgt_FrqDepDmpnInrtCmp_Fer1_WIRCmdAmpBlnd_MtrNm_f32.value	3.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-2.20000005		
tgt_rtte_caii_Ap_rtqDepDmpnInrtCmp_rttinjection_3com_rttinjection tgt_rtte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist		MtrNm f32	
tgt_Rte_Inst_Ap_rtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_baseAssist		_	
tgt_Rte_inst_Ap_FrqDepDimprimitCmp.FrqDepDimprimitCmp_Fe11_CRFwioton tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_FreqDepDm		· -	
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm tqt Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInttCmp.FrqDepDmpnInttCmp_Per1_FrqDepDm tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_		-	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_verlicleCon		· · · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicleSpe tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAi		_	
			-
Name	Actual Value Exp	ected Value	Resul

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125690.984	125690.984 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.969 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	350.610321	350.610321 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	2.20000005	2.20000005 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.600006 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252006 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-2.20000005	-2.20000005 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125793.156
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005
Prev1SclDrvVel_RadpS_M_f32	-160.300003
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981
Prev2SclDrvVel_RadpS_M_f32	-301.200012
PrevTbarAng_HwDeg_M_f32	-1.15489995
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4000015
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	200.050003
k_DmpDecelGain_Uls_f32	3.20000005
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	45.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	2.9999992e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	704
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	814
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	924
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1692
12 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1793
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
12_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
12_FDD_FreqTbIYM_Hz_u12p4[0][3] 12_FDD_FreqTbIYM_Hz_u12p4[0][4]	128
12_1 DD_1 Teq1b11M_112_u12p4[0][4] 12 FDD FreqTbIYM Hz u12p4[0][5]	144
12_FDD_FreqTbIYM_Hz_u12p4[0][6]	160
12_FDD_FreqTbIYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	208
2_FDD_F1eqTb YM_Hz_u12p4[0][9] 2_FDD_FreqTb YM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96

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FrqDepDmpnInrtCmp_Per1		Razorcat
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[3]	512	
CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
:_CmnVehSpd_Kph_u9p7[6]	896	
: CmnVehSpd Kph u9p7[7]	1024	
: CmnVehSpd Kph u9p7[8]	1152	
: CmnVehSpd Kph u9p7[9]	1280	
_	1408	
:_CmnVehSpd_Kph_u9p7[10]	1536	
CmnVehSpd_Kph_u9p7[11]		
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	
:_DINPHILITY TOIS_U2P14[4] :_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
t_FDD_ADDStaticTbH_MtrNmpRadpS_um1p17[0]	1212	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	1359	
	1506	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1653	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]		
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	
EFDD_BlendTblY_Uls_u8p8[5]	26	
:_FDD_BlendTblY_Uls_u8p8[6]	28	
:_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTblY_Uls_u8p8[8]	33	
t_FDD_BlandTbIV_Ula_v0n0[0]	l	

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t_FDD_BlendTblY_Uls_u8p8[9]

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N	Invest Males	
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_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-7.0999999	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-500.5	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-5.19999981	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.0200005	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.059998	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.0999999	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.5	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor\		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDr		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpe		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Result

<u> </u>	. 0 = 1 1 1 1 = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125792.758	125792.758 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	512151.25	512151.219 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610382 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.300003 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.15555561 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.939015687	-0.939021349 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp 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	-
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	125895.133
	3.2999995
Prev1PreAttnComp_MtrNm_M_f32 Prev1ScIDrvVel_RadpS_M_f32	2625.30005
	5.1999981
Prev2PreAttnComp_MtrNm_M_f32	157.199997
Prev2ScIDrvVel_RadpS_M_f32	1.00899994
PrevTbarAng_HwDeg_M_f32	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp 1.5
TbarVelFiltSv_M_str.SV_UIs_f32 TbarVelFiltSv_M_str.K_UIs_f32	
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.0299988
k_CmnTbarStiff_NmpDeg_f32	5.19999981
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	4.19999981
k_DmpGainOrfThresh_KphpS_f32	33.200008
k_DmpGainOnThresh_KphpS_f32	15.1999998
k_InrtCmp_MtrInertia_KgmSq_f32	3.999999e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTbIYM_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_FreqTbIYM_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

FrqDepDmpnInrtCmp_Per1

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11q56p5mpmmtomp_1 er1		
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_FreqTbIYM_Hz_u12p4[1][6]	192	
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	208	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	224	
t2_FDD_FreqTbIYM_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 21299	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299 21709	
t_DmpADDCoefX_MtrNm_u4p12[2] 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_ADDStaticTbIY_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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
	44		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
InrtCmp ScaleFactorTblY Uls u9p7[2]	90		
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
InrtCmp ScaleFactorTblY Uls u9p7[9]	179		
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	72		
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	74		
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192		
RIAstWIRBIndTbIY UIs u2p14[1]	9830		
RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
_WIRBIndTblX_MtrNm_u8p8[3]	1382		
_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	6.19999981		
	400.600006		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
	5.30000019		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10.0500002		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value			
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.079987		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981 -3.599999		
gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio		RasaAssistCmd MtrNm f22	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssis			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm	. 0		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLor	0		
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpe	0_ , , , ,		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA			
Name	Actual Value	Expected Value	Resu
PreDecelGain IIIs M f32	125894 531	125894 531 + 0 0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125894.531	125894.531 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.182892 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.29999995 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.01923084	1.01923072 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.63173914 ± 0.00390625	✓
tot FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	-3 5999999	-3 5999999 + 0 00048828125	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	•
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	125997.109
	-3.2999995
Prev1PreAttnComp_MtrNm_M_f32 Prev1ScIDrvVel_RadpS_M_f32	-4021.30005
	-2.2999995
Prev2PreAttnComp_MtrNm_M_f32	-363.200012
Prev2ScIDrvVel_RadpS_M_f32	0.158999994
PrevTbarAng_HwDeg_M_f32 Pto_Coll_Ap_ErsDepDepalertCop_Ethiciantion_Scop_Ethiciantion/SignalDeth_Ula	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32 TbarVelFiltSv_M_atr.K_Uls_f32	-6.5999999 0.633430004
TbarVelFiltSv_M_str.K_UIs_f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992 6.1999981
k_CmnTbarStiff_NmpDeg_f32	
k_DmpDecelGainFSlew_UlspS_f32	400.049988
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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

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FrqDepDmpnInrtCmp_Per1 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 12928 t_CmnVehSpd_Kph_u9p7[1] 13056 t_CmnVehSpd_Kph_u9p7[2] $t_CmnVehSpd_Kph_u9p7[3]$ 13184 13312 t_CmnVehSpd_Kph_u9p7[4] 13440 t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] 13568 13696 t_CmnVehSpd_Kph_u9p7[7] 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 32416 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 32448 $t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]$ 32480 t_DmpDecelGainSlewY_UlspS_u13p3[0] 2408 2416 t_DmpDecelGainSlewY_UlspS_u13p3[1] 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 2340 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 2568

2796

3024

3252

3480

656

720 172

174 18

20 23

26

28

31

33

36

38

41

 $t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]$

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]

t_FDD_AttenTblX_MtrRadpS_u12p4[0]

t_FDD_AttenTblX_MtrRadpS_u12p4[1]

t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3]

t FDD BlendTblY Uls u8p8[4]

t_FDD_BlendTblY_Uls_u8p8[5]

t_FDD_BlendTblY_Uls_u8p8[6]

t_FDD_BlendTblY_Uls_u8p8[7]

t_FDD_BlendTblY_Uls_u8p8[8]

t_FDD_BlendTblY_Uls_u8p8[9]

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	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 RIAstWIRBIndTblY Uls u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1562		
t_WIRBIndTblX_MtrNm_u8p8[1]	1587		
t_WIRBIndTblX_MtrNm_u8p8[2]	1613		
t_WIRBINdTblX_MtrNm_u8p8[3]	1638		
	1664		
t_WIRBIndTblX_MtrNm_u8p8[4]	-6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.01999998		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.30000019		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.5	Consul Markley 600	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	· · · · · · · · · · · · · · · · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0_ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	0_ 1 1 1 1 _	· · -	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	0_ 1 1 1 1 _ 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	125996.313	125996.313 ± 0.0625	~

<u> </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.313 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653 ± 9.9	•
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.5	3.5 ± 0.00048828125	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	•
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Fest Step 2.9 (Repeat Count = 1)	→
Name	Input Value
PreDecelGain Uls M f32	126099.086
Prev1PreAttnComp MtrNm M f32	4.400001
Prev1ScIDrvVel_RadpS_M_f32	1234.19995
Prev2PreAttnComp_MtrNm_M_f32	2.29999995
Prev2ScIDrvVel_RadpS_M_f32	4678.2002
PrevTbarAng_HwDeg_M_f32	-0.128999993
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	
kte_oaii_np_11qbeponiprimironp_1 ktrijection_3com_1 ktrijection(3ignair atti_ois Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	6.1999981
	0.19999901
FbarVelFiltSv_M_str.K_Uls_f32 c_CmnSysKinRatio_MtrDegpHwDeg_f32	70.5
C_CmnTbarStiff_NmpDeg_f32	7.5
C_CHITTBalStill_Nihpbeg_132 C_DmpDecelGainFSlew_UlspS_f32	500.019989
	5.5999999
C_DmpDecelGain_Uls_f32	8.6000038
:_DmpGainOffThresh_KphpS_f32 : DmpGainOnThresh KphpS f32	25.2000008
- · ·	9.0000014e-005
:_InrtCmp_MtrInertia_KgmSq_f32 : InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000014e-003
	1246
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1638
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2030
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
	2814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3206
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
2_FDD_ADDRollingTblYM_MtrNmpRadpS_uniTp17[0][0] 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
	4382
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774 1427
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655 1884
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480
2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
2_FDD_FreqTbIYM_Hz_u12p4[0][4]	400
2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
2_FDD_FreqTbIYM_Hz_u12p4[0][9]	480
2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

FrqDepDmpnInrtCmp_Per1

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2 FDD FreqTblYM Hz u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
CmnVehSpd_Kph_u9p7[0]	15488	
_CmnVehSpd_Kph_u9p7[1]	15616	
_CmnVehSpd_Kph_u9p7[2]	15744	
CmnVehSpd_Kph_u9p7[3]	15872	
CmnVehSpd_Kph_u9p7[4]	16000	
CmnVehSpd_Kph_u9p7[5]	16128	
	16256	
CmnVehSpd_Kph_u9p7[6]		
CmnVehSpd_Kph_u9p7[7]	16384	
CmnVehSpd_Kph_u9p7[8]	16512	
CmnVehSpd_Kph_u9p7[9]	16640	
CmnVehSpd_Kph_u9p7[10]	16768	
CmnVehSpd_Kph_u9p7[11]	16896	
_DmpADDCoefX_MtrNm_u4p12[0]	28262	
_DmpADDCoefX_MtrNm_u4p12[1]	28672	
_DmpADDCoefX_MtrNm_u4p12[2]	29082	
DmpADDCoefX_MtrNm_u4p12[3]	29491	
_DmpADDCoefX_MtrNm_u4p12[4]	29901	
DmpADDCoefX_MtrNm_u4p12[5]	30310	
DmpADDCoefX_MtrNm_u4p12[6]	30720	
_DmpADDCoefX_MtrNm_u4p12[7]	31130	
DmpADDCoefX_MtrNm_u4p12[8]	31539	
_DmpADDCoefX_MtrNm_u4p12[9]	31949	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
DmpDecelGainSlewX MtrRadpS u11p5[1]	30624	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
DmpDecelGainSlewY_UlspS_u13p3[0]	384	
_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
DmpDecelGainSlewY_UlspS_u13p3[3]	408	
DmpDecelGainSlewY UlspS u13p3[4]	416	
_DmpDecelGainSlewY_UlspS_u13p3[4] _DmpDecelGainSlewY_UlspS_u13p3[5]	424	
DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419	
FDD_AttenTblX_MtrRadpS_u12p4[0]	768	
FDD_AttenTblX_MtrRadpS_u12p4[1]	800	
FDD_AttenTblY_Uls_u8p8[0]	218	
FDD_AttenTblY_Uls_u8p8[1]	220	
FDD_BlendTblY_Uls_u8p8[0]	20	
	23	
FDD_BlendTblY_Uls_u8p8[1] FDD_BlendTblY_Uls_u8p8[2]		
FDD_BlendTblY_Uls_u8p8[2]	26	
FDD_BlendTblY_Uls_u8p8[3]	28	
_FDD_BlendTblY_Uls_u8p8[4]	31	
_FDD_BlendTblY_Uls_u8p8[5]	33	
FDD_BlendTbIY_Uls_u8p8[6]	36	
FDD_BlendTblY_Uls_u8p8[7]	38	
_FDD_BlendTblY_Uls_u8p8[8]	41	
_FDD_BlendTblY_Uls_u8p8[9]	44	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	269		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	282		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InitCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TbarVel_ScaleFactorTblY_Uis_u9p7[3] t_InrtCmp_TBarVel_ScaleFactorTblY_Uis_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.19999981		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.02999997		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.0499992		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.080002		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.0999999		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.5		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmcParticles (Compared to the Compared to$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcce			
tgt_rtte_inst_Ap_rtqbepbinpinintomp.rtqbepbinpinintomp_rert_veniclezonAcct	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon.	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	· · · ·		
	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	

	#= 131_1 14= 14= 11 11 11 12 12 13 14 15 15 15 15 15 15 15		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126098.086	126098.086 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	-3128609.5	-3128609.25 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	340.747711	340.747681 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	1234.19995	1234.19995 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.137333333	-0.137333333 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	6.04672861	6.04672861 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp 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	~
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Nama .	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	126201.063
Prev1PreAttnComp_MtrNm_M_f32	-4.400001
Prev1ScIDrvVel_RadpS_M_f32	-270.200012
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005
Prev2ScIDrvVel_RadpS_M_f32	-15.3000002
PrevTbarAng_HwDeg_M_f32	0.279000014
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_L	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-5.5
FbarVelFiltSv_M_str.K_Uls_f32	0.0258959997
c_CmnSysKinRatio_MtrDegpHwDeg_f32	80.0199966
c_CmnTbarStiff_NmpDeg_f32	8.80000019
C_DmpDecelGainFSlew_UlspS_f32	600.059998
C_DmpDecelGain_Uls_f32	7.19999981
C_DmpGainOffThresh_KphpS_f32	16.2000008
C_DmpGainOnThresh_KphpS_f32	30.2000008
:_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-005
CInrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
2_FDD_FreqTbIYM_Hz_u12p4[1][0]	1296
2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312

FrqDepDmpnInrtCmp_Per1

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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[t]	27296
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27328
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424
t DmpDecelGainSlewY UlspS u13p3[0]	3608
t_DmpDecelGainSlewY_UlspS_u13p3[t]	3616
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3648
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	4915
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830
t_DmpFiltKpWlRBindY_Uis_u2p14[3] t DmpFiltKpWlRBindY_Uis_u2p14[4]	11469
	1789
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	2130
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
	3493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	3834
	4175
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4515
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856 784
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784 880
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	63
t_FDD_AttenTblY_UIs_u8p8[0]	66
t_FDD_AttenTblY_UIs_u8p8[1]	49
t_FDD_BlendTblY_Uls_u8p8[0]	
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTblY_Uls_u8p8[4]	60
t_FDD_BlendTblY_Uls_u8p8[5]	63
t_FDD_BlendTblY_Uls_u8p8[6]	66
t_FDD_BlendTblY_Uls_u8p8[7]	68
t_FDD_BlendTblY_Uls_u8p8[8]	71
t_FDD_BlendTblY_Uls_u8p8[9]	74

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Name	Input Value		
t_FDD_BlendTbIY_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		
	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] t InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.089996		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.0999999		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.30000019		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	L_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	oSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpi	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		- · -	
Name	Actual Value	Expected Value	Resu
ProPossiCoin IIIo M 622	126100.050	126100 850 + 0 0625	11000

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.859 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.875 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-0.866061449	-0.866061509 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4000001 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.200012 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090906 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.29165506 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	4.30000019	4.30000019 ± 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	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.11 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
PreDecelGain_Uls_M_f32	126303.031
Prev1PreAttnComp MtrNm M f32	5.5
Prev1ScIDrvVel_RadpS_M_f32	6789
Prev2PreAttnComp_MtrNm_M_f32	1.70000005
Prev2ScIDrvVel_RadpS_M_f32	5322.2002
PrevTbarAng HwDeg M f32	-0.268999994
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	5.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.0199966
k CmnTbarStiff NmpDeg f32	9.60000038
k_DmpDecelGainFSlew_UlspS_f32	700.02002
k_DmpDecelGain_Uls_f32	8.5
k_DmpGainOffThresh_KphpS_f32	24.1000004
k_DmpGainOnThresh_KphpS_f32	35.2999992
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_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
12_FDD_FreqTbIYM_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
12_FDD_FleqTbIYM_H2_u12p4[0][3] 12_FDD_FreqTbIYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
tz_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
tz_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	1424
tz_FDD_FreqTbIYM_Hz_u1zp4[0][8] t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	1424
	1456
12_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
t_CmnVehSpd_Kph_u9p7[0]	5248	
t_CmnVehSpd_Kph_u9p7[1]	5376	
t_CmnVehSpd_Kph_u9p7[2]	5504	
	5632	
t_CmnVehSpd_Kph_u9p7[3]		
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	
	328	
t_DmpDecelGainSlewY_UlspS_u13p3[5]		
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	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	827	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	944	
r_FDD_AttenTblX_MtrRadpS_u12p4[1]	960	
t_FDD_AttenTblY_Uls_u8p8[0]	78	
t_FDD_AttenTblY_Uls_u8p8[1]	80	
FDD_BlendTblY_Uls_u8p8[0]	65	
_FDD_BlendTblY_Uls_u8p8[1]	68	
_FDD_BlendTblY_Uis_u8p8[2]	70	
EFDD_BlendTblY_Uls_u8p8[3]	73	
:_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	86	
t_FDD_BlendTblY_Uls_u8p8[9]	88	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
	179		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
_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		
	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28 29		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t RIAstWIRBIndTbIY Uls u2p14[1]	8192		
: : :	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]			
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	742		
t_WIRBIndTblX_MtrNm_u8p8[4]	768		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.0999999		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5999999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.10000002		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-5.19999981		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

	h-197h-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1				
Name	Actual Value	Expected Value	Result		
PreDecelGain_Uls_M_f32	126301.633	126301.633 ± 0.0625	~		
Prev1PreAttnComp_MtrNm_M_f32	1181610.88	1181610.5 ± 9.9	✓		
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.2495117 ± 0.00390625	✓		
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✓		
Prev2ScIDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	~		
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833343 ± 0.00390625	~		
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.9738059 ± 0.00390625	~		
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.19999981	-5.19999981 ± 0.00048828125	✓		



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	•
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Fest Step 2.12 (Repeat Count = 1)	✓
lame	Input Value
PreDecelGain Uls M f32	126405.008
Prev1PreAttnComp MtrNm M f32	-5.5
Prev1ScIDrvVel_RadpS_M_f32	-37.0299988
	-8.3000019
Prev2PreAttnComp_MtrNm_M_f32	-42.20000019
Prev2ScIDrvVel_RadpS_M_f32	2.45900011
PrevTbarAng_HwDeg_M_f32	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls Rte_Inst_Ap_FrqDepDmpnInrtCmp	
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp -4.19999981
barVelFiltSv_M_str.SV_UIs_f32	0.0254699998
TbarVelFiltSv_M_str.K_Uls_f32	
_CmnSysKinRatio_MtrDegpHwDeg_f32	11.1199999
CmnTbarStiff_NmpDeg_f32	1.5 800.01001
_DmpDecelGainFSlew_UlspS_f32	
_DmpDecelGain_Uls_f32	9.5
_DmpGainOffThresh_KphpS_f32	32.299992
_DmpGainOnThresh_KphpS_f32	40.2000008
_InrtCmp_MtrInertia_KgmSq_f32	9.0000014e-005
_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.89999976
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
/ FULL FRACINIYM H7 117/0/1171011	176
2_FDD_FreqTblYM_Hz_u12p4[1][0] 2_FDD_FreqTblYM_Hz_u12p4[1][1]	192

FrqDepDmpnInrtCmp_Per1

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T TQB CPB III PI III TC III		
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_FreqTbIYM_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 5248	
t_CmnVehSpd_Kph_u9p7[10]		
t_CmnVehSpd_Kph_u9p7[11]	5376	
t_DmpADDCoefX_MtrNm_u4p12[0]	4506 4915	
t_DmpADDCoefX_MtrNm_u4p12[1] 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	683	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1364	
t_FDD_ADDStaticTbIY_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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
	218		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
_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 45		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192		
t Riastwirding toli _ois_u2p14[0]			
	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTblX_MtrNm_u8p8[0]	922		
t_WIRBIndTblX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_MtrNm_u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	350.299988		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.70000005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	22.0300007		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.029999		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	5.30000019		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126403.406	126403.406 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-343428.688	-343428.781 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	314.997375	314.997375 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-37.0299988	-37.0299988 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	2.4666667	2.4666667 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-3.99539185	-3.99539089 ± 0.00390625	•
tot FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	5 30000019	5.30000019 + 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	-
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.13 (Repeat Count = 1)	~
Name	Input Value
PreDecelGain Uls M f32	126506.984
Prev1PreAttnComp MtrNm M f32	6.5999999
Prev1ScIDrvVel_RadpS_M_f32	26.0200005
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2ScIDrvVel_RadpS_M_f32	17.2000008
PrevTbarAng_HwDeg_M_f32	-1.50999999
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
FbarVelFiltSv_M_str.K_Uls_f32	0.0214499999
<pre>c_CmnSysKinRatio_MtrDegpHwDeg_f32</pre>	22.1299992
	2.5
C_CmnTbarStiff_NmpDeg_f32	900.030029
<pre>(_DmpDecelGainFSlew_UlspS_f32</pre>	
(_DmpDecelGain_Uls_f32	1.1000002
C_DmpGainOffThresh_KphpS_f32	40.2000008
c_DmpGainOnThresh_KphpS_f32	45.2000008
c_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-005
C_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.800000012
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2455
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	3302
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3725
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	5419
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1789
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2130
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	2471
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
2_FDD_FreqTbIYM_Hz_u12p4[0][0]	176
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	192
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	208
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	224
2_FDD_FreqTblYM_Hz_u12p4[0][4]	240
2_FDD_FreqTbIYM_Hz_u12p4[0][5]	256
2_FDD_FreqTblYM_Hz_u12p4[0][6]	272
2_FDD_FreqTblYM_Hz_u12p4[0][7]	288
2_FDD_FreqTblYM_Hz_u12p4[0][8]	304
2_FDD_FreqTblYM_Hz_u12p4[0][9]	320
2_FDD_FreqTblYM_Hz_u12p4[0][10]	336
2_FDD_FreqTblYM_Hz_u12p4[0][11]	352
0 FDD FT-D/M II40-4(4)(0)	496
2_FDD_FreqTbIYM_Hz_u12p4[1][0] 2 FDD FreqTbIYM Hz u12p4[1][1]	512

FrqDepDmpnInrtCmp_Per1

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T TQB CPB THPTHITTCHIP_T CTT		(14.10.10.10
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_FreqTbIYM_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] t DmpADDCoefX MtrNm u4p12[3]	9421	
	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650 11059	
t_DmpADDCoefX_MtrNm_u4p12[6]		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469 11878	
t_DmpADDCoefX_MtrNm_u4p12[8]	12288	
t_DmpADDCoefX_MtrNm_u4p12[9]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	25216 25248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25246	
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_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTbIY_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	
	1 **	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
:_FDD_BlendTblY_Uls_u8p8[11]	144		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
_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 60		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t Riastwirding toli _ois_u2p14[0]	3277		
	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTblX_MtrNm_u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.80000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-400.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.79999995		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	33.0499992		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	160.009995		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.2999995		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-6.19999981		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

v= = = · = · · · · · · · ·	. 0 =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126505.188	126505.188 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	1010980	1010980.13 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-319.417603	-319.417603 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.0200005 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.51999998 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.10051489 ± 0.00390625	•
tgt_FrgDepDmpnInrtCmp_Per1_FrgDepDmpnInrtCmp_MtrNm_f32.value	-6.19999981	-6.19999981 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126608.961
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999
Prev1SclDrvVel_RadpS_M_f32	-33.0499992
Prev2PreAttnComp_MtrNm_M_f32	-7.5
Prev2SclDrvVel_RadpS_M_f32	-922.299988
PrevTbarAng_HwDeg_M_f32	1.15999997
$Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPather) and the property of the property $	n_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	0.0369199999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.1500015
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	1000.04999
k_DmpDecelGain_Uls_f32	1.5
k_DmpGainOffThresh_KphpS_f32	48.2000008
k_DmpGainOnThresh_KphpS_f32	47.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99000001
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTbIYM_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
12_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

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Input Value	
96	
112	
128	
149	
152	
154	
157	
159	
162	
164	
	144 160 176 192 208 224 240 2560 3840 5120 6400 7680 8960 10240 11520 12800 14080 15380 15640 4506 4915 5325 5734 6114 6554 6693 7373 7782 8192 3264 3296 3328 3360 3392 3424 680 688 696 704 712 720 3277 4915 6654 8192 9830 704 811 924 1034 11144 1254 1364 1475 1585 1695 1152 1200 157 161 144 146 149 152 157 1661 144 146 149 152 157 1661 144 146 149 152 157 1661 144 146 149 152 157 1661 144 146 149 152 157 1661

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	169		
:_FDD_BlendTblY_Uls_u8p8[11]	172		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
	26		
scaleFactorTblY_Uls_u9p7[2]	38		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
	90		
	102		
InrtCmp ScaleFactorTblY Uls u9p7[8]	115		
	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		
	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74 76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	300.600006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	4.0999999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-11.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	170.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.4000001		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.0999999		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	L_t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	oSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpi	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee	d I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
Name	Actual Value	Expected Value	Resul

<u> </u>	. 0 = 1 1 1 1 = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126606.961	126606.961 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	1334381.63	1334381.75 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.508514 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.5999999 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-33.0499992	-33.0499992 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.17142856	1.17142856 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-3.15980816	-3.15980864 ± 0.00390625	✓
tgt_FrgDepDmpnInrtCmp_Per1_FrgDepDmpnInrtCmp_MtrNm_f32.value	6.0999999	6.0999999 + 0.00048828125	✓





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.15 (Repeat Count = 1) Name Input V PreDecelGain_Uls_M_f32 126710.9 Prev1PreAttnComp_MtrNm_M_f32 7.699998 Prev1ScIDrvVel_RadpS_M_f32 18.03000 Prev2PreAttnComp_MtrNm_M_f32 7.5 Prev2ScIDrvVel_RadpS_M_f32 28.5 PrevTbarAng_HwDeg_M_f32 -0.92000	.938
PreDecelGain_Uls_M_f32 126710.9 Prev1PreAttnComp_MtrNm_M_f32 7.699998 Prev1ScIDrvVel_RadpS_M_f32 18.03000 Prev2PreAttnComp_MtrNm_M_f32 7.5 Prev2ScIDrvVel_RadpS_M_f32 28.5	.938
Prev1PreAttnComp_MtrNm_M_f32 7.699999 Prev1SclDrvVel_RadpS_M_f32 18.03000 Prev2PreAttnComp_MtrNm_M_f32 7.5 Prev2SclDrvVel_RadpS_M_f32 28.5	
Prev1ScIDrvVel_RadpS_M_f32 18.03000 Prev2PreAttnComp_MtrNm_M_f32 7.5 Prev2ScIDrvVel_RadpS_M_f32 28.5	9981
Prev2PreAttnComp_MtrNm_M_f32 7.5 Prev2SclDrvVel_RadpS_M_f32 28.5	2007
Prev2ScIDrvVel_RadpS_M_f32 28.5	J00 <i>1</i>
_ ·	
	00047
12 12 2	
	_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
	_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32 5.199998	
TbarVelFiltSv_M_str.K_Uls_f32 0.012579	
k_CmnSysKinRatio_MtrDegpHwDeg_f32 44.50999	9983
k_CmnTbarStiff_NmpDeg_f32 4.5	
k_DmpDecelGainFSlew_UlspS_f32 1100.020	
k_DmpDecelGain_Uls_f32 1.899999	
k_DmpGainOffThresh_KphpS_f32 4.199999	
k_DmpGainOnThresh_KphpS_f32 30.20000	
	1999997
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32 0.600000	00024
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	

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
CmnVehSpd_Kph_u9p7[0]	6784	
_CmnVehSpd_Kph_u9p7[1]	6912	
_CmnVehSpd_Kph_u9p7[2]	7040	
_CmnVehSpd_Kph_u9p7[3]	7168	
_CmnVehSpd_Kph_u9p7[4]	7296	
_CmnVehSpd_Kph_u9p7[5]	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
	7936	
_CmnVehSpd_Kph_u9p7[9]	8064	
_CmnVehSpd_Kph_u9p7[10]		
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
DmpDecelGainSlewY UlspS u13p3[2]	1552	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
DmpDecelGainSlewY UlspS u13p3[4]	1568	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
mpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]		
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
_FDD_AttenTblY_Uls_u8p8[0]	183	
_FDD_AttenTblY_Uls_u8p8[1]	185	
FDD_BlendTblY_Uls_u8p8[0]	172	
	174	
FDD BlendTblY Uls u8p8[1]		
	176	
_FDD_BlendTbIY_Uls_u8p8[1] _FDD_BlendTbIY_Uls_u8p8[2] FDD_BlendTbIY_Uls_u8p8[3]	176 178	
_FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3]	178	
_FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3] _FDD_BlendTbIY_Uls_u8p8[4]	178 180	
_FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3] _FDD_BlendTbIY_Uls_u8p8[4] _FDD_BlendTbIY_Uls_u8p8[5]	178 180 183	
_FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3] _FDD_BlendTbIY_Uls_u8p8[4] _FDD_BlendTbIY_Uls_u8p8[5] _FDD_BlendTbIY_Uls_u8p8[6]	178 180 183 185	
_FDD_BlendTbIY_Uls_u8p8[2] _FDD_BlendTbIY_Uls_u8p8[3] _FDD_BlendTbIY_Uls_u8p8[4] _FDD_BlendTbIY_Uls_u8p8[5]	178 180 183	

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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 RIAstWIRBIndTblY Uls u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTblX_MtrNm_u8p8[1]	1715		
t_WIRBIndTblX_MtrNm_u8p8[2]	1741		
t_WIRBIndTblX_MtrNm_u8p8[3]	1766		
t_WIRBIndTblX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-300.100006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.1999981		
tgt_FrqDepDmpnInrtCmp_Per1_vehicleLonAccel_KphpS_f32.value	-22.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	6.5999999		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-7.19999981		
tgt_rtte_cair_xp_rtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_Gra MotorVer			
tgt_Rte_inst_Ap_FtqDepDmpnInttCmp.FrqDepDmpnInttCmp_Fe11_FteqDepDmpnI tgt_Rte_inst_Ap_FtqDepDmpnInttCmp.FrqDepDmpnInttCmp_Pe11_FtqDepDmpnI			
tgt_Rte_inst_Ap_riqDepDmpnInitCmp.FrqDepDmpnInitCmp_Fei1_FrqDepDmpnI tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pei1_FrqDepDmpnIn		·	
tgt_Rte_Inst_Ap_FtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Hw10ique_Hw tgt_Rte_Inst_Ap_FtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_VehicleLonAcc		_	
tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_venicleLonAct tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicleSpeed			
igt Rie Inst Ap FrqDepDmpninrtCmp.FrqDepDmpninrtCmp Peri VenicieSpeed Igt Rie Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpl			
	<u> </u>	<u> </u>	-
Name	Actual Value	Expected Value	Result

<u> </u>	. 0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126710.938	126710.938 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	26591.9277	26591.9277 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-177.270554	-177.270538 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.69999981 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.0300007 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333337 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.05071735 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-7.19999981	-7.19999981 ± 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	-
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	126812.906
Prev1PreAttnComp MtrNm M f32	-7.69999981
Prev1ScIDrvVel_RadpS_M_f32	-28.5
	-6.5
Prev2PreAttnComp_MtrNm_M_f32	-297.299988
Prev2ScIDrvVel_RadpS_M_f32	1.1449998
PrevTbarAng_HwDeg_M_f32 Pto_Coll_Ap_EraDonDmonlartCmp_Elthological_SCom_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_SCom_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Elthological_Coll_Ap_EraDonDmonlartCmp_Eltho	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32 TbarVelFiltSv_M_attr.K_UIs_f32	-4.1999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0325700007
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.1199989
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05005
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOrfThresh_KphpS_f32	8.19999981
k_DmpGainOnThresh_KphpS_f32	35.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

FrqDepDmpnInrtCmp_Per1

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т түргүртүүттүүтү		
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_FreqTbIYM_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 1408	
t_CmnVehSpd_Kph_u9p7[10]		
t_CmnVehSpd_Kph_u9p7[11]	1536 12698	
t_DmpADDCoefX_MtrNm_u4p12[0]	13107	
t_DmpADDCoefX_MtrNm_u4p12[1] 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	2387	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360	
t_FDD_AttenTblY_Uls_u8p8[0]	230 232	
t_FDD_AttenTblY_Uls_u8p8[1]	232	
t_FDD_BlendTblY_Uls_u8p8[0]		
t_FDD_BlendTblY_Uls_u8p8[1]	220	
t_FDD_BlendTblY_Uls_u8p8[2]	223	
t_FDD_BlendTblY_Uls_u8p8[3]	225 227	
t_FDD_BlendTblY_Uls_u8p8[4]	230	
t_FDD_BlendTblY_Uls_u8p8[5]	230	
t_FDD_BlendTblY_Uls_u8p8[6]	232	
t_FDD_BlendTblY_Uls_u8p8[7]	234	
t_FDD_BlendTbIY_UIs_u8p8[8] t_FDD_BlendTbIY_UIs_u8p8[9]	237	
CL DD_DIGHG FREE TOID_GOHO[4]	200	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_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 RIAstWIRBIndTblY Uls u2p14[0]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-5.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.199997		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.0499992		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.050003		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBlnd MtrNm f32.value	7.69999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	7.30000019		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr		<u> </u>	
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 FraDepDmpnIn			
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 HwTorque Hwt	0	·	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcce		_	
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 VehicleSpeed I		· · -	
	0	_ · _	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl Name	Actual Value	Expected Value	Result

<u> </u>	. 0 = 1 1 1 1 = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.906 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.719 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.8688354 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.69999981 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.14545453	1.14545453 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.05580378 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.30000019 ± 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	-
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.17 (Repeat Count = 1)	Laure Value
Name	Input Value
PreDecelGain_Uls_M_f32	126914.883
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6000004
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.200012
PrevTbarAng_HwDeg_M_f32	-0.978999972
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_U	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	4.30000019
FbarVelFiltSv_M_str.K_Uls_f32	0.0963210016
C_CmnSysKinRatio_MtrDegpHwDeg_f32	66.1299973
C_CmnTbarStiff_NmpDeg_f32	6.5
C_DmpDecelGainFSlew_UlspS_f32	1300.06006
C_DmpDecelGain_Uls_f32	5.5999999
C_DmpGainOffThresh_KphpS_f32	12.1999998
C_DmpGainOnThresh_KphpS_f32	40.0999985
CInrtCmp_MtrInertia_KgmSq_f32	0.000140000004
CInrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
2_FDD_FreqTbIYM_Hz_u12p4[0][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
2_FDD_FreqTbIYM_Hz_u12p4[1][0]	656
2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
	6400	
CmnVehSpd_Kph_u9p7[3]		
CmnVehSpd_Kph_u9p7[4]	7680	
CmnVehSpd_Kph_u9p7[5]	8960	
CmnVehSpd_Kph_u9p7[6]	10240	
CmnVehSpd_Kph_u9p7[7]	11520	
CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
DmpADDCoefX_MtrNm_u4p12[1]	17203	
DmpADDCoefX_MtrNm_u4p12[2]	17613	
DmpADDCoefX_MtrNm_u4p12[3]	18022	
DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
DmpADDCoefX_MtrNm_u4p12[8]	20070	
DmpADDCoefX_MtrNm_u4p12[9]	20480	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
DmpDecelGainSlewX MtrRadpS u11p5[1]	11712	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
	1616	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1624	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1632	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	3990	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1344	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1440	
FDD_AttenTblY_Uls_u8p8[0]	71	
	74	
FDD_AttenTblY_Uls_u8p8[1] FDD_RlandTblY_Uls_u8p8[0]		
FDD_BlendTblY_Uls_u8p8[0]	3	
FDD_BlendTblY_Uls_u8p8[1]	5	
FDD_BlendTblY_Uls_u8p8[2]	8	
_FDD_BlendTbIY_Uls_u8p8[3]	10	
_FDD_BlendTbIY_Uls_u8p8[4]	13	
_FDD_BlendTblY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
_FDD_BlendTblY_Uls_u8p8[7]	20	
FDD_BlendTblY_Uls_u8p8[8]	23	
BB_Biolia i Bi i _elo_dopo[o]		

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_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_RIAstWIRBIndTblY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_MtrNm_u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-200.399994		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_NewTorque_nwNtn_rsz.value	-44.060001		
	210.029999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.19999981		
tgt_Rte_Call_Ap_FiqDepDmpnInttCmp_FitInjection_Scotil_FitInjection tgt_Rte_Inst_Ap_FiqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd MtrNm f32	
tgt_Rte_Inst_Ap_riqDepDinpfillitCimp.FrqDepDinpfillitCimp_Fei1_BaseAssistCim tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pei1_BaseAssistCim tgt_Rte_Inst_Ap_riqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pei1_BaseAssistCim			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInttCmp.FrqDepDmpnInttCmp_Per1_FreqDepDmpnl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_FrqDepDmpni tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_mw1orque_nw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpt			
	<u> </u>	<u> </u>	
Name	Actual Value	Expected Value	Result

<u>v= = = := : : : : := = = </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.281 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.438 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.6709976 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6000004 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615386 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.61538005 ± 0.00390625	✓
tot FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.19999981 ± 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	-	
GenFddlcCmd	1	GenFddlcCmd	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Input Value	m_FltInjectio
PreDecelGain_Uls_M_f32 127016.859 Prev1PreAttnComp_MtrNm_M_f32 -1.5 Prev1ScIDrvVel_RadpS_M_f32 -16.2000008 Prev2PreAttnComp_MtrNm_M_f32 -4.5 Prev2ScIDrvVel_RadpS_M_f32 -25.6000004 PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom_FitInjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
Prev1PreAttnComp_MtrNm_M_f32 -1.5 Prev1ScIDrvVel_RadpS_M_f32 -16.2000008 Prev2PreAttnComp_MtrNm_M_f32 -4.5 Prev2ScIDrvVel_RadpS_M_f32 -25.6000004 PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 45.200008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
Prev1ScIDrvVel_RadpS_M_f32 -16.2000008 Prev2PreAttnComp_MtrNm_M_f32 -4.5 Prev2ScIDrvVel_RadpS_M_f32 -25.6000004 PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom_Filtnjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCorl Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOnfThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
Prev2PreAttnComp_MtrNm_M_f32 -4.5 Prev2ScIDrvVel_RadpS_M_f32 -25.6000004 PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom_Filtnjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOnfThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
Prev2ScIDrvVel_RadpS_M_f32 -25.6000004 PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom_Filtnjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCorl Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOnfThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
PrevTbarAng_HwDeg_M_f32 0.989000022 Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCom_Filtnjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_Filtnjection_SCorl Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOnfThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FitInjectio
Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjection(SignalPath_Uls tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SColl Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGain_Uls_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOnfThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	m_Httnjectio
TbarVelFiltSV_M_str.SV_Uls_f32 1.5 TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
TbarVelFiltSv_M_str.K_Uls_f32 0.0478519984 k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_CmnSysKinRatio_MtrDegpHwDeg_f32 77.1399994 k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_CmnTbarStiff_NmpDeg_f32 7.5 k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_DmpDecelGainFSlew_UlspS_f32 1400.05005 k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_DmpDecelGain_Uls_f32 2.0999999 k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_DmpGainOffThresh_KphpS_f32 16.5 k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_DmpGainOnThresh_KphpS_f32 45.2000008 k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_InrtCmp_MtrInertia_KgmSq_f32 0.000150000007	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 0.300000012	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] 2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 5159	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068	
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[1][9] 3409	
12 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[1][0] 176 t2_FDD_FreqTblYM_Hz_u12p4[1][1] 192	
#_ DD_	

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
12_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	272	
12_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
12_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
:_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
	13056	
	13184	
CmnVehSpd_Kph_u9p7[3]		
:_CmnVehSpd_Kph_u9p7[4]	13312	
_CmnVehSpd_Kph_u9p7[5]	13440	
_CmnVehSpd_Kph_u9p7[6]	13568	
_CmnVehSpd_Kph_u9p7[7]	13696	
_CmnVehSpd_Kph_u9p7[8]	13824	
_CmnVehSpd_Kph_u9p7[9]	13952	
_CmnVehSpd_Kph_u9p7[10]	14080	
_CmnVehSpd_Kph_u9p7[11]	14208	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_DmpADDCoefX_MtrNm_u4p12[3]	22118	
_DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
DmpADDCoefX_MtrNm_u4p12[8]	24166	
DmpADDCoefX_MtrNm_u4p12[9]	24576	
	3872	
DmpDecelGainSlewX MtrRadpS u11p5[1]	3904	
	3936	
	3968	
mpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
_DmpDecelGainGlewY_UlspS_u13p3[1]	2416	
DmpDecelGainSlewY_UlspS_u13p3[1]	2424	
	2432	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	342	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1024	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1364	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1705	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
	3409	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1536	
FDD_AttenTblY_Uls_u8p8[0]	86	
_FDD_AttenTblY_Uls_u8p8[1]	88	
_FDD_BlendTblY_Uls_u8p8[0]	5	
_FDD_BlendTblY_Uls_u8p8[1]	8	
_FDD_BlendTblY_Uls_u8p8[2]	10	
_FDD_BlendTblY_Uls_u8p8[3]	13	
_FDD_BlendTblY_Uls_u8p8[4]	15	
_FDD_BlendTblY_Uls_u8p8[5]	18	
_FDD_BlendTblY_Uls_u8p8[6]	20	
_FDD_BlendTblY_Uls_u8p8[7]	23	
_FDD_BlendTblY_Uls_u8p8[8]	26	
C. 22_2:e:::::::::::::::::::::::::::::::::	28	

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FrqDepDmpnInrtCmp_Per1 Input Value t_FDD_BlendTblY_Uls_u8p8[10] 31 t_FDD_BlendTblY_Uls_u8p8[11] 33 64 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 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 $t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9]$ 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 28 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] 29 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTbIY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t_WIRBIndTbIX_MtrNm_u8p8[0] 1178 t WIRBIndTbIX MtrNm u8p8[1] 1203 t_WIRBIndTbIX_MtrNm_u8p8[2] 1229 1254 t_WIRBIndTbIX_MtrNm_u8p8[3] t WIRBIndTbIX MtrNm u8p8[4] 1280 2.20000005 $tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value$ $tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value$ 100.800003

tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjection

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_FrqDepDmpNInrtCmp_Per1_HwTorque_Hwt

tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp.FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp.FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp.FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_Rte_Inst_Ap_FrqDepDmpNInrtCmp.FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_FrqDepDmpNInrtCmp_Per1_VehicleLonAccct

tgt_FrqDepDmpNInrtCmp_Per1_VehicleSpeed_Kph_f32

0

7.5

11.0100002

3.20000005

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBl tgt_FrqDepDmpnInrtCmp_	Per1_WIRCmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127014.063	127014.063 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-12284.4609	-12284.46 ± 0.09	~
Prev1SclDrvVel_RadpS_M_f32	30.5068626	30.5068626 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-16.2000008	-16.2000008 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.69140744	1.69140804 ± 0.00390625	~
tot FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.30000019	8.30000019 ± 0.00048828125	~

 $tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$

tat FraDepDmpnInrtCmp Per1 HwTorque HwNm f32.value

 $\label{total_policy} $$ tgt_{rqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value} $$ tgt_{rqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value} $$$

 $tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value$



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	~		
GenFddlcCmd	1	GenFddlcCmd	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~		
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~		

Test Step 2.19 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127118.836
Prev1PreAttnComp_MtrNm_M_f32	2.5
Prev1SclDrvVel_RadpS_M_f32	100.800003
Prev2PreAttnComp_MtrNm_M_f32	4.5
Prev2ScIDrvVel_RadpS_M_f32	987.5
PrevTbarAng_HwDeg_M_f32	-0.893999994
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Sign	alPath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	-1.60000002
FbarVelFiltSv_M_str.K_Uls_f32	0.235599995
CmnSysKinRatio MtrDegpHwDeg f32	88.1500015
C_CmnTbarStiff_NmpDeg_f32	8.5
C_DmpDecelGainFSlew_UlspS_f32	1500.02002
C_DmpDecelGain_Uls_f32	2.20000005
<pre>C_DmpGainOffThresh_KphpS_f32</pre>	20.6000004
:_DmpGainOnThresh_KphpS_f32	22.2000008
CInrtCmp_MtrInertia_KgmSq_f32	0.000159999996
CInrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0] 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	814
	924
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] 2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1034
	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1254
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3099
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
2_FDD_FreqTblYM_Hz_u12p4[0][8]	160
2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
2_FDD_FreqTblYM_Hz_u12p4[0][11]	208
2_FDD_FreqTblYM_Hz_u12p4[1][0]	496
2_FDD_FreqTblYM_Hz_u12p4[1][1]	512

FrqDepDmpnInrtCmp_Per1

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	528	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	544	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	560	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	576	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	592	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	608	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	624	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	656	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	672	
CmnVehSpd_Kph_u9p7[0]	15488	
CmnVehSpd_Kph_u9p7[1]	15616	
CmnVehSpd_Kph_u9p7[2]	15744	
CmnVehSpd_Kph_u9p7[3]	15872	
CmnVehSpd_Kph_u9p7[4]	16000	
CmnVehSpd_Kph_u9p7[5]	16128	
CmnVehSpd_Kph_u9p7[6]	16256	
CmnVehSpd_Kph_u9p7[7]	16384	
CmnVehSpd_Kph_u9p7[8]	16512	
CmnVehSpd_Kph_u9p7[9]	16640	
CmnVehSpd_Kph_u9p7[10]	16768	
CmnVehSpd_Kph_u9p7[11]	16896	
DmpADDCoefX_MtrNm_u4p12[0]	24986	
DmpADDCoefX_MtrNm_u4p12[1]	25395	
DmpADDCoefX_MtrNm_u4p12[2]	25805	
DmpADDCoefX_MtrNm_u4p12[3]	26214	
DmpADDCoefX_MtrNm_u4p12[4]	26624	
DmpADDCoefX_MtrNm_u4p12[5]	27034	
DmpADDCoefX_MtrNm_u4p12[6]	27443	
_DmpADDCoefX_MtrNm_u4p12[7]	27853	
DmpADDCoefX_MtrNm_u4p12[8]	28262	
_DmpADDCoefX_MtrNm_u4p12[9]	28672	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
DmpDecelGainSlewY_UlspS_u13p3[0]	384	
DmpDecelGainSlewY_UlspS_u13p3[1]	392	
DmpDecelGainSlewY_UlspS_u13p3[2]	400	
DmpDecelGainSlewY UlspS u13p3[3]	408	
DmpDecelGainSlewY UlspS u13p3[4]	416	
DmpDecelGainSlewY_UlspS_u13p3[5]	424	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
DmpFiltKpWIRBIndY Uls u2p14[2]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1552	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1600	
FDD_AttenTblY_Uls_u8p8[0]	114	
FDD_AttenTblY_Uls_u8p8[1]	116	
FDD_BlendTblY_Uls_u8p8[0]	10	
FDD_BlendTblY_Uls_u8p8[1]	13	
FDD_BlendTbIY_Uls_u8p8[2]	15	
FDD_BlendTblY_Uls_u8p8[3]	18	
FDD_BlendTblY_Uls_u8p8[4]	20	
_FDD_BlendTblY_Uls_u8p8[5]	23	
_FDD_BlendTblY_Uls_u8p8[6]	26	
_FDD_BlendTbIY_Uls_u8p8[7]	28	
_FDD_BlendTblY_Uls_u8p8[8]	31	
_FDD_BlendTblY_Uls_u8p8[9]	33	

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Name	Input Value		
t FDD BlendTblY Uls u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_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 RIAstWIRBIndTbIY UIs u2p14[0]	3277		
t RIAstWIRBIndTbIY Uls u2p14[1]	4915		
t_RIAstWIRBIndTbiY_Uis_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434		
t_WIRBIndTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t_WIRBIndTblX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.0999999		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-100.400002		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-7.5999999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	12.0299997		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.992188		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.1999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.20000005		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd	tgt FrqDepDmpnInrtCmp Per1 BaseAssist0	Cmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi	- · · · · ·	_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0_ 1 1 1 1 _ 1 _ 1 . 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	, , , , , , , , , , , , , , , , , , , ,	- · -	
Name	Actual Value	Expected Value	Resul

<u>v= = = := : : : : := = = </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127115.836	127115.836 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-388429.438	-388429.5 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-20.7490158	-20.7490158 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	100.800003	100.800003 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.894117653	-0.894117653 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.23690033	-1.23689878 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.20000005	3.20000005 ± 0.00048828125	✓

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached

FrqDepDmpnInrtCmp_Per1



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	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
	·
PreDecelGain_Uls_M_f32	127220.813
Prev1PreAttnComp_MtrNm_M_f32	-2.5 -69.5999985
Prev1ScIDrvVel_RadpS_M_f32	-3.5
Prev2PreAttnComp_MtrNm_M_f32	
Prev2ScIDrvVel_RadpS_M_f32	-59.2000008
PrevTbarAng_HwDeg_M_f32	0.908999979
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.20000005
TbarVelFiltSv_M_str.K_Uls_f32	0.347900003
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.1200027
k_CmnTbarStiff_NmpDeg_f32	9.5
k_DmpDecelGainFSlew_UlspS_f32	1600.03003
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.00030000014
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.100000001
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
12_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
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
I2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
12_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
I2_FDD_FreqTbIYM_Hz_u12p4[0][4]	112
I2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
I2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
I2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
I2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
I2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
12_FDD_FreqTblYM_Hz_u12p4[0][10]	208
I2_FDD_FreqTbIYM_Hz_u12p4[0][11]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
12 FDD FreqTblYM Hz u12p4[1][1]	672

FrqDepDmpnInrtCmp_Per1



		(10
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_FreqTbIYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	800	
t2_FDD_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 11520	
t_CmnVehSpd_Kph_u9p7[9]		
t_CmnVehSpd_Kph_u9p7[10]	11648	
t_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]	28262 28672	
t_DmpADDCoetX_MtrNm_u4p12[1] 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_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]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1144	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1254	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTbIY_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_BlendTbIY_Uls_u8p8[8]	33	
t_FDD_BlendTbIY_Uls_u8p8[9]	36	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	38		
t_FDD_BlendTblY_Uls_u8p8[11]	41		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
	192		
_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 UIs 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 RIAstWIRBIndTblY Uls u2p14[0]	4915		
t RIAstWIRBIndTbIY Uls u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.5		
	150.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVeI_MtrRadpS_f32.value tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDit_Cnt_igc.value tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.6999981		
tgt_FrqDepDmpnInrtCmp_Per1_mw1orque_mwnin_is2.value	13.0500002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981 -1.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio		and MtrNm f22	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc tet_Pte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_CPEMeter\/el	· · · · · · · · · · · · · · · · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	1 - 1 - 1 - 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr	0		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	1	-	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
Name	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127217.609	127217.609 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-34957.4961	-34957.4961 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	16.6422844	16.6422882 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.5999985 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789485 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.96354413	1.9635489 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.20000005 ± 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	-
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127322.781
Prev1PreAttnComp_MtrNm_M_f32	-3.5
Prev1SclDrvVel_RadpS_M_f32	-49.2000008
Prev2PreAttnComp_MtrNm_M_f32	-2.4000001
Prev2SclDrvVel_RadpS_M_f32	-366.200012
PrevTbarAng_HwDeg_M_f32	-6.77099991
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPat	th_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.0200005
k_CmnTbarStiff_NmpDeg_f32	1.29999995
k_DmpDecelGainFSlew_UlspS_f32	1700.05005
k_DmpDecelGain_Uls_f32	2.0999999
k_DmpGainOffThresh_KphpS_f32	16.2000008
k_DmpGainOnThresh_KphpS_f32	44.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000310000003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
12 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	3409
12_FDD_FreqTblYM_Hz_u12p4[0][0]	64
12_FDD_FreqTblYM_Hz_u12p4[0][1]	80
12_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_rreqTblYM_Hz_u12p4[0][3]	112
12_1 DD_1 Teq1011W_112_012p4[0][0] 12 FDD FreqTblYM Hz u12p4[0][4]	128
12_1 DD_1 Teq 1011W_112_012[0][4] 12 FDD FreqTblYM Hz u12p4[0][5]	144
tz_FDD_FreqTbtYM_Hz_u12p4[0][6]	160
tz_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
tz_FDD_FreqTbIYM_Hz_u12p4[0][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	224
	240
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16 32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	JL

FrqDepDmpnInrtCmp_Per1



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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_FreqTbIYM_Hz_u12p4[1][7]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144	
t2_FDD_FreqTbIYM_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] t CmnVehSpd Kph u9p7[10]	6400 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_UIs_u2p14[0]	6554	
t_DmpFiltKpWlRBIndY_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]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 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	

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iquopampiimtemp_1 et i		
Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	41	
t_FDD_BlendTblY_Uls_u8p8[11]	44	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154	
t InrtCmp ScaleFactorTblY Uls u9p7[2]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76	
t_RIAstWIRBIndTblY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469	
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.60000002	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-150.600006	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.80000019	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	14.0600004	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.020004	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.29999995	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCrr$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel	_t tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	ct tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	Bi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Result

	h= 13/2d= -h=h		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127319.383	127319.383 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	527959.5	527959.438 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-135.810211	-135.810181 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-49.2000008	-49.2000008 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-6.76923132	-6.76923084 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.96496433	-0.964892328 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	1.29999995	1.29999995 ± 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	-
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte Call FrqDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	Rte Call FrqDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	~

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	8787
Prev1PreAttnComp MtrNm M f32	4.5
Prev1SclDrvVel_RadpS_M_f32	22.2999992
Prev2PreAttnComp_MtrNm_M_f32	2.4000001
Prev2SclDrvVel_RadpS_M_f32	115.199997
PrevTbarAng HwDeg M f32	3.40300012
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPati	h_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.336600006
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.0300007
k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	1800.06006
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	20.2999992
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1553
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2068
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
12_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
12_FDD_FreqTbIYM_Hz_u12p4[0][1] 12_FDD_FreqTbIYM_Hz_u12p4[0][2]	112
tz_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	128
12_FDD_F1eqTb1YM_Hz_U12p4[0][3] 12 FDD FreqTb1YM Hz u12p4[0][4]	144
tz_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
tz_FDD_Fteq1bt1M_Hz_u12p4[0][5] t2 FDD FreqTblYM Hz u12p4[0][6]	176
tz_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
	208
12_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32 48
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	40

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FrqDepDmpnInrtCmp_Per1 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 4224 t_CmnVehSpd_Kph_u9p7[2] $t_CmnVehSpd_Kph_u9p7[3]$ 4352 4480 t_CmnVehSpd_Kph_u9p7[4] 4608 t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] 4736 4864 t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8] 4992 t_CmnVehSpd_Kph_u9p7[9] 5120 t_CmnVehSpd_Kph_u9p7[10] 5248 t_CmnVehSpd_Kph_u9p7[11] 5376 t_DmpADDCoefX_MtrNm_u4p12[0] 8602 t_DmpADDCoefX_MtrNm_u4p12[1] 9011 t DmpADDCoefX_MtrNm_u4p12[2] 9421 t_DmpADDCoefX_MtrNm_u4p12[3] 9830 t_DmpADDCoefX_MtrNm_u4p12[4] 10240 t_DmpADDCoefX_MtrNm_u4p12[5] 10650 t DmpADDCoefX MtrNm u4p12[6] 11059 t_DmpADDCoefX_MtrNm_u4p12[7] 11469 t DmpADDCoefX MtrNm u4p12[8] 11878 t_DmpADDCoefX_MtrNm_u4p12[9] 12288 t DmpDecelGainSlewX MtrRadpS u11p5[0] 32320 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 32352 t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] 32384 32416 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 32448 $t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]$ 32480 t_DmpDecelGainSlewY_UlspS_u13p3[0] 384

392

400

408

416

424

8192

9830

11469

13107

14746

161

328

494

661

827

994

1160

1326

1493

1659

1776

1840 189

191 18

20 23

26

28

31

33

36

38

41

t_DmpDecelGainSlewY_UlspS_u13p3[1]

t_DmpDecelGainSlewY_UlspS_u13p3[2]

t_DmpDecelGainSlewY_UlspS_u13p3[3]

t_DmpDecelGainSlewY_UlspS_u13p3[4]

t_DmpDecelGainSlewY_UlspS_u13p3[5]

 $t_DmpFiltKpWIRBIndY_Uls_u2p14[0]$

t_DmpFiltKpWIRBIndY_Uls_u2p14[1]

t_DmpFiltKpWIRBIndY_Uls_u2p14[2]

t_DmpFiltKpWIRBIndY_Uls_u2p14[3]

t_DmpFiltKpWIRBIndY_Uls_u2p14[4]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]

t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]

t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]

 $t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]$

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]

t_FDD_AttenTblX_MtrRadpS_u12p4[0]

t_FDD_AttenTblX_MtrRadpS_u12p4[1]

t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3]

t FDD BlendTblY Uls u8p8[4]

t_FDD_BlendTblY_Uls_u8p8[5]

t_FDD_BlendTblY_Uls_u8p8[6]

t_FDD_BlendTblY_Uls_u8p8[7]

t_FDD_BlendTblY_Uls_u8p8[8]

t_FDD_BlendTblY_Uls_u8p8[9]

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	87		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.10000002		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	250.020004		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
	9.19999981		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	15.0200005		
	230.029999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	8.80000019		
	2.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio		Cmd MtrNm f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe			
.gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp .gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
	0_ 1 1 1 1 1 1	'	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAd			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			1_
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	8783.39941	8783.39941 ± 0.0625	

<u> </u>	. 0 = = =	·	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	8783.39941	8783.39941 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-3935.75269	-3935.75317 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.816681 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.2999992 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	3.40740728	3.40740752 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.46656632	2.46660662 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	2.20000005	2.20000005 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.23 (Repeat Count = 1)	√
	Input Value
	45678
	-4.5
Prev1PreAttnComp_MtrNm_M_f32 Prev1ScIDrvVel_RadpS_M_f32	-48.5
	-1.10000002
1	-380.200012
Prev2ScIDrvVel_RadpS_M_f32	-3.05999994
PrevTbarAng_HwDeg_M_f32	
	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	-2.5
TbarVelFiltSv_M_str.SV_UIs_f32 TbarVelFiltSv_M att I/_UIs_f32	-2.5 0.448799998
_ , 5.	53.25 3.099999
	1900.07996 2.5999999
	22.5
	16.2000008
	0.00033000001
	0.69999988
	704
	814
	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
	1144
	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
	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
	1553
, , _ , ,	2068
	2583
	3099
	3614
	4129
	4644
	5159
	96
	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
, ,,	176
	192
' ''	208
	224
	240
	256
	272
	48 64
t2 FDD FreqTblYM Hz u12p4[1][1]	

FrqDepDmpnInrtCmp_Per1



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Name	Input Value	
P_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
P_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
P_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
P_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[3]	512	
CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd_Kph_u9p7[6]	896	
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
	1280	
CmnVehSpd_Kph_u9p7[9]		
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
DmpADDCoefX_MtrNm_u4p12[0]	12698	
DmpADDCoefX_MtrNm_u4p12[1]	13107	
DmpADDCoefX_MtrNm_u4p12[2]	13517	
DmpADDCoefX_MtrNm_u4p12[3]	13926	
DmpADDCoefX_MtrNm_u4p12[4]	14336	
DmpADDCoefX_MtrNm_u4p12[5]	14746	
DmpADDCoefX_MtrNm_u4p12[6]	15155	
DmpADDCoefX_MtrNm_u4p12[7]	15565	
DmpADDCoefX_MtrNm_u4p12[8]	15974	
DmpADDCoefX_MtrNm_u4p12[9]	16384	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
DmpDecelGainSlewY_UlspS_u13p3[0]	448	
DmpDecelGainSlewY_UlspS_u13p3[1]	456	
DmpDecelGainSlewY_UlspS_u13p3[2]	464	
DmpDecelGainSlewY_UlspS_u13p3[3]	472	
DmpDecelGainSlewY UlspS u13p3[4]	480	
DmpDecelGainSlewY_UlspS_u13p3[5]	488	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
DmpFiltKpWIRBIndY_UIs_u2p14[2]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1920	
FDD_AttenTblY_Uls_u8p8[0]	237	
FDD_AttenTblY_Uls_u8p8[1]	239	
FDD_BlendTblY_Uls_u8p8[0]	20	
FDD_BlendTblY_Uls_u8p8[1]	23	
FDD_BlendTbIY_Uls_u8p8[2]	26	
FDD_BlendTbIY_Uls_u8p8[3]	28	
FDD_BlendTblY_Uls_u8p8[4]	31	
FDD_BlendTblY_Uls_u8p8[5]	33	
FDD_BlendTblY_Uls_u8p8[6]	36	
FDD_BlendTblY_Uls_u8p8[7]	38	
FDD_BlendTblY_Uls_u8p8[8]	41	
_FDD_BlendTblY_Uls_u8p8[9]	44	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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 UIs 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		
	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.10000002		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.029999		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
lgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.0099983		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.5		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-2.5		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssist0	cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I	Hwi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	cce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee	d I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
DroDood Coin I llo M 600		45674 4002 + 0.0625	

V= = = · · · · · · · · · · · · · · · · ·	. 0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.1992 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.4414 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.861557 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.06451607 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.39141941 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)	
	Input Value
	•
	127628.711
	6.5
	163.600006
	1.10000002
	175.300003
32	1.15400004
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_UIs_	
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	3.20000005
	0.559899986
_ , 6, 6_	27.0599995
	1.29999995
	200.089996
	2.79999995
	22.2000008
	24.6000004
	0.00033999999
	0.600000024
	885
	986
	1087
	1188
	1288
	1389
	1490
, , _ , ,,	1591
	1692
	1793
	704
	814
	924
	1034
	1144
	1254
	1364
, , _ , ,,	1475
	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
	336
	352
	368
	384
	400
, ,,	416
	432
, ,,	448
	464
	480
	496
	512
	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

FrqDepDmpnInrtCmp_Per1



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	
	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	2560	
t_CmnVehSpd_Kph_u9p7[0]		
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_DmpDecelGainSiewX_MtrRadpS_u11p5[1] t_DmpDecelGainSiewX_MtrRadpS_u11p5[2]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
t_DmpDecelGainSiewX_MtrRadpS_u11p5[4]	27392	
	27424	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]		
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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	80		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
_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		
	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t Riastwirding toli _ois_u2p14[0]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1690		
t_WIRBIndTblX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTblX_MtrNm_u8p8[3]	1766		
t_WIRBIndTblX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.0600014		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.19999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.5999999		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	- · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	pBInd_MtrNm_f32	
	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.313 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.291 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.225555 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.600006 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.36525083 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.5999999	3.5999999 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127730.688
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.2300034
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038
Prev2SclDrvVel_RadpS_M_f32	-120.099998
PrevTbarAng_HwDeg_M_f32	-0.55400002
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	n_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.0200005
k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2000008
k_DmpGainOnThresh_KphpS_f32	32.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTbIYM_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
12 FDD FreqTblYM Hz u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	784
t2_FDD_rreqTblYM_Hz_u12p4[0][0]	800
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	832
tz_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
~_1 DD_1 1041011W_11<_012P4[1][1]	J

FrqDepDmpnInrtCmp_Per1



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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	208	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
t2_FDD_FreqTbIYM_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 21299	
t_DmpADDCoefX_MtrNm_u4p12[1]		
t_DmpADDCoefX_MtrNm_u4p12[2] t DmpADDCoefX MtrNm u4p12[3]	21709 22118	
	22528	
t_DmpADDCoefX_MtrNm_u4p12[4]	22938	
t_DmpADDCoefX_MtrNm_u4p12[5]	23347	
t_DmpADDCoefX_MtrNm_u4p12[6]	23757	
t_DmpADDCoefX_MtrNm_u4p12[7] t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	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_UIs_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080	
t_FDD_AttenTblY_Uls_u8p8[0]	65	
t_FDD_AttenTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[0]	65	
t_FDD_BlendTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[2]	70	
t_FDD_BlendTblY_Uls_u8p8[3]	73	
t_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	86	
t_FDD_BlendTblY_Uls_u8p8[9]	88	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_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_RIAstWIRBIndTblY_UIs_u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTblX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.140015		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.059998		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.19999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-3,20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		tCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmps			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnI			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hv			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAci		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_ve1ildeEbnAd tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_ve1ildeEbpeed	1 - 1 - 1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VeniceSpeed	0- 1 1 1 1		
	1 1 1 1 1 1		D: 1
Name	Actual Value	Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.086 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.7891 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.675308 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.2300034 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555582 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.83605552 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-3.20000005	-3.20000005 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.26 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
PreDecelGain Uls M f32	127832.656
Prev1PreAttnComp MtrNm M f32	7.5
Prev1ScIDrvVel_RadpS_M_f32	-1100.19995
Prev2PreAttnComp_MtrNm_M_f32	8.10000038
Prev2ScIDrvVel_RadpS_M_f32	-36.2000008
PrevTbarAng HwDeg M f32	0.800000012
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_I	Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-4.5
TbarVelFiltSv M str.K Uls f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.1199989
k_CmnTbarStiff_NmpDeg_f32	3.0999999
k_DmpDecelGainFSlew_UlspS_f32	200.020004
k_DmpDecelGain_Uls_f32	3.9000001
k_DmpGainOffThresh_KphpS_f32	15.1999998
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005
k InrtCmp MtrVel ScaleFactor Uls f32	0.889999986
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2030
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[3][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2240
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	2387
	1296
12_FDD_FreqTblYM_Hz_u12p4[0][0]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	
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

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2. Dispersion 144 2. Dispersion 144 2. Dispersion 145	Name	Input Value	
2. PDD. pergramM. per undergraph 2. PDD. pergraph 2. PDD. pergramM. per undergraph 2. PDD. pergraph 2. PDD. p	:2_FDD_FreqTbIYM_Hz_u12p4[1][2]	128	
2. FIDO Fractivan's Lau 1949(195) 2. FIDO Fractivan's Lau 1949(197) 2. FID	2_FDD_FreqTblYM_Hz_u12p4[1][3]	144	
2. P.D. Perstand, Hz. utp4priji 92 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 24 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 29 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 28 2. P.D. Perstand, Hz. utp4priji 29 2. Perstand, Hz.	2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
2 FOOL FIRSTONN, 114. 1929(11)73 2 FOOL FIRSTONN, 114. 1929(11)80 2 FOOL FIRSTONN, 114. 1929(11)190 2 FOOL FIRSTONN, 114. 1929(11)191 2 FOOL F	2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
2_FOD_FeathWill_Fig1254(1)[8] 2_FOD_FeathWill_Fig1254(1)[10] 2	t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
2. FDD. Freq*TarW, Hz. v326/11(9) 2. FDD. Freq*TarW, Hz. v326/11(9) 2. FDD. Freq*TarW, Hz. v326/11(10) 2. Com/resided, Keln. v6771 2. Sel. Com/resided, Keln. v6771 3. Sel. Com/resided, Keln. v	t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
2_PDD_FRETAMY_HE1728_HI[10] 2_PDD_	12 FDD FregTblYM Hz u12p4[1][8]	224	
2. P.D.F. Perla PMV J.F. (1941) (190) 2. P.D. Ferla PMV J.F. (1941) (191) 2. P.D. Ferla PMV J.F. (1941) (191) 2. Cemviching J. Pel. (1971) 2. Cemviching J. Pel. (1971) 2. Cemviching J. Pel. (1971) 3. Sept.		240	
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LimpADDCoeff, Mirhm_usip12[9]			
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DmpADDCoetX, Mirkim_upit2[8] 27443 DmpADDCoetX, Mirkim_upit2[7] 27853 DmpADDCoetX, Mirkim_upit2[8] 28672 DmpADDCoetX, Mirkim_upit2[9] 28672 DmpADDCoetX, Mirkim_upit2[9] 32320 DmpDecelGainSlewX, MirRadpS_ut1ps[1] 32352 DmpDecelGainSlewX, MirRadpS_ut1ps[3] 32416 DmpDecelGainSlewX, MirRadpS_ut1ps[3] 32448 DmpDecelGainSlewX, MirRadpS_ut1ps[4] 32448 DmpDecelGainSlewX, MirRadpS_ut1ps[5] 32460 DmpDecelGainSlewY, UlspS_ut3p3[7] 1486 DmpDecelGainSlewY, UlspS_ut3p3[7] 1488 DmpDecelGainSlewY, UlspS_ut3p3[7] 1594 DmpDecelGainSlewY, UlspS_ut3p3[7] 1592 DmpDecelGainSlewY, UlspS_ut3p3[7] 1512 DmpDecelGainSlewY, UlspS_ut3p3[7] 1520 DmpDecelGainSlewY, UlspS_ut3p3[7] 1520 DmpEritKyWiRBlodY, Uls_uz2p14[7] 6554 DmpEritKyWiRBlodY, Uls_uz2p14[7] 1692 DmpEritKyWiRBlodY, Uls_uz2p14[7] 1698 DmpEritKyWiRBlodY, Uls_uz2p14[7] 1698 PDD, ADDSlaicTbY, MirkmpRadpS_um1p17[7] 2675 <	_DmpADDCoefX_MtrNm_u4p12[4]	26624	
DmpADDCoefX MirNm_u4p12 7	:_DmpADDCoefX_MtrNm_u4p12[5]	27034	
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	_DmpADDCoefX_MtrNm_u4p12[7]	27853	
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DmpFiltKpWiRBindY_Uls_u2p14[4]			
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 1608 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 2032 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 2455 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2878 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3302 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3725 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 2080 FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 FDD_AttenTblY_UIs_u8p8[0] 93 FDD_AttenTblY_UIs_u8p8[0] 93 FDD_AttenTblY_UIs_u8p8[1] 96 FDD_BlendTblY_UIs_u8p8[1] 96 FDD_BlendTblY_UIs_u8p8[1] 96 FDD_BlendTblY_UIs_u8p8[2] 99 FDD_BlendTblY_UIs_u8p8[3] 101 FDD_BlendTblY_UIs_u8p8[6] 104 FDD_BlendTblY_UIs_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 2032 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 2455 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2878 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3302 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3725 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 .FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 5419 .FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 .FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 .FDD_AttenTblY_Uis_u8p8[0] 93 .FDD_AttenTblY_Uis_u8p8[0] 93 .FDD_AttenTblY_Uis_u8p8[1] 96 .FDD_BlendTblY_Uis_u8p8[1] 96 .FDD_BlendTblY_Uis_u8p8[1] 96 .FDD_BlendTblY_Uis_u8p8[2] 99 .FDD_BlendTblY_Uis_u8p8[3] 101 .FDD_BlendTblY_Uis_u8p8[3] 101 .FDD_BlendTblY_Uis_u8p8[3] 104 .FDD_BlendTblY_Uis_u8p8[5] 106 .FDD_BlendTblY_Uis_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]			
2. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3] 2878 2. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 3302 2. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5] 3725 3. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 4148 4. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 4572 4. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] 4995 4. FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 5419 4. FDD_AttenTbIX_MtrRadpS_u12p4[0] 2080 4. FDD_AttenTbIX_MtrRadpS_u12p4[1] 2160 4. FDD_AttenTbIY_UIs_u8p8[0] 93 4. FDD_BtendTbIY_UIs_u8p8[1] 96 4. FDD_BtendTbIY_UIs_u8p8[1] 96 4. FDD_BtendTbIY_UIs_u8p8[1] 96 4. FDD_BtendTbIY_UIs_u8p8[1] 99 4. FDD_BtendTbIY_UIs_u8p8[2] 99 4. FDD_BtendTbIY_UIs_u8p8[3] 101 4. FDD_BtendTbIY_UIs_u8p8[4] 104 4. FDD_BtendTbIY_UIs_u8p8[5] 106 4. FDD_BtendTbIY_UIs_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3302 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3725 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_UIs_u8p8[0] 93 _FDD_AttenTblY_UIs_u8p8[1] 96 _FDD_BlendTblY_UIs_u8p8[1] 96 _FDD_BlendTblY_UIs_u8p8[1] 96 _FDD_BlendTblY_UIs_u8p8[2] 99 _FDD_BlendTblY_UIs_u8p8[3] 101 _FDD_BlendTblY_UIs_u8p8[4] 104 _FDD_BlendTblY_UIs_u8p8[5] 106 _FDD_BlendTblY_UIs_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3725 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109			
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109	_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 _FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109	:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]		
_FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 _FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 _FDD_AttenTblY_Uls_u8p8[0] 93 _FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[2] 101 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109	_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4995	
FDD_AttenTblX_MtrRadpS_u12p4{1} 2160 FDD_AttenTblY_Uls_u8p8{0} 93 _FDD_AttenTblY_Uls_u8p8{1} 96 _FDD_BlendTblY_Uls_u8p8{0} 93 _FDD_BlendTblY_Uls_u8p8{1} 96 _FDD_BlendTblY_Uls_u8p8{2} 99 _FDD_BlendTblY_Uls_u8p8{3} 101 _FDD_BlendTblY_Uls_u8p8{4} 104 _FDD_BlendTblY_Uls_u8p8{5} 106 _FDD_BlendTblY_Uls_u8p8{6} 109	_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419	
_FDD_AttenTblY_Uis_u8p8[0] 93 _FDD_AttenTblY_Uis_u8p8[1] 96 _FDD_BlendTblY_Uis_u8p8[0] 93 _FDD_BlendTblY_Uis_u8p8[1] 96 _FDD_BlendTblY_Uis_u8p8[1] 96 _FDD_BlendTblY_Uis_u8p8[2] 99 _FDD_BlendTblY_Uis_u8p8[3] 101 _FDD_BlendTblY_Uis_u8p8[4] 104 _FDD_BlendTblY_Uis_u8p8[5] 106 _FDD_BlendTblY_Uis_u8p8[6] 109	_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080	
FDD_AttenTblY_UIs_u8p8[1] 96 _FDD_BlendTblY_UIs_u8p8[0] 93 _FDD_BlendTblY_UIs_u8p8[1] 96 _FDD_BlendTblY_UIs_u8p8[2] 99 _FDD_BlendTblY_UIs_u8p8[3] 101 _FDD_BlendTblY_UIs_u8p8[4] 104 _FDD_BlendTblY_UIs_u8p8[5] 106 _FDD_BlendTblY_UIs_u8p8[6] 109	_FDD_AttenTblX_MtrRadpS_u12p4[1]	2160	
FDD_AttenTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[0] 93 _FDD_BlendTblY_Uls_u8p8[1] 96 _FDD_BlendTblY_Uls_u8p8[2] 99 _FDD_BlendTblY_Uls_u8p8[3] 101 _FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109		93	
FDD_BlendTblY_Uis_u8p8[0] 93 FDD_BlendTblY_Uis_u8p8[1] 96 _FDD_BlendTblY_Uis_u8p8[2] 99 _FDD_BlendTblY_Uis_u8p8[3] 101 _FDD_BlendTblY_Uis_u8p8[4] 104 _FDD_BlendTblY_Uis_u8p8[5] 106 _FDD_BlendTblY_Uis_u8p8[6] 109		96	
FDD_BlendTbIY_UIs_u8p8[1] 96 _FDD_BlendTbIY_UIs_u8p8[2] 99 _FDD_BlendTbIY_UIs_u8p8[3] 101 _FDD_BlendTbIY_UIs_u8p8[4] 104 _FDD_BlendTbIY_UIs_u8p8[5] 106 _FDD_BlendTbIY_UIs_u8p8[6] 109			
FDD_BlendTbIY_UIs_u8p8[2] 99 _FDD_BlendTbIY_UIs_u8p8[3] 101 _FDD_BlendTbIY_UIs_u8p8[4] 104 _FDD_BlendTbIY_UIs_u8p8[5] 106 _FDD_BlendTbIY_UIs_u8p8[6] 109			
FDD_BlendTbIY_UIs_u8p8[3] 101 _FDD_BlendTbIY_UIs_u8p8[4] 104 _FDD_BlendTbIY_UIs_u8p8[5] 106 _FDD_BlendTbIY_UIs_u8p8[6] 109			
FDD_BlendTblY_Uls_u8p8[4] 104 _FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109			
_FDD_BlendTblY_Uls_u8p8[5] 106 _FDD_BlendTblY_Uls_u8p8[6] 109			
_FDD_BlendTblY_Uls_u8p8[6] 109			
ביים ole nutruit ols uopoj/j TTT			
t_FDD_BlendTbIY_Uls_u8p8[8] 114 t_FDD_BlendTbIY_Uls_u8p8[9] 116			

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Name	Input Value		
t FDD BlendTblY Uls u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t InrtCmp ScaleFactorTblY UIs 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_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.2999995		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	550.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	280.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.4000001		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	, , , , , , , , , , , , , , , , , , , ,	- · -	
		Expected Value	Resul

<u>v= = = := : : : : : : : = = = </u>	. 0	·	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127832.258	127832.258 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2236951.25	-2236951.25 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	488.806824	488.806824 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1100.19995	-1100.19995 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451619 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.67284751	-2.67284679 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	4.4000001	4.4000001 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.27 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	127934.633
Prev1PreAttnComp MtrNm M f32	-7.5
Prev1ScIDrvVel_RadpS_M_f32	250.050003
Prev2PreAttnComp_MtrNm_M_f32	-7.6999981
Prev2ScIDrvVel_RadpS_M_f32	11.5
PrevTbarAng_HwDeg_M_f32	-0.50999999
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.5
TbarVelFiltSv M str.K Uls f32	0.358740002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.1200027
k CmnTbarStiff NmpDeg f32	4.80000019
k_DmpDecelGainFSlew_UlspS_f32	300.029999
k_DmpDecelGain_Uls_f32	3.7000005
k_DmpGainOffThresh_KphpS_f32	20.2000008
	48.2000008
k_DmpGainOnThresh_KphpS_f32 k_InrtCmp_MtrInertia_KgmSq_f32	0.00036999994
k InrtCmp MtrVel ScaleFactor Uls f32	0.300000012
	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655 1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568 2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	4774
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	1136
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	1232
t2_FDD_FreqTbIYM_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

FrqDepDmpnInrtCmp_Per1

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Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][2] 368 384 t2_FDD_FreqTblYM_Hz_u12p4[1][3] 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 3840 t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] 5120 $t_CmnVehSpd_Kph_u9p7[3]$ 6400 7680 t_CmnVehSpd_Kph_u9p7[4] 8960 t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6] 10240 11520 t_CmnVehSpd_Kph_u9p7[7] 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 30688 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 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 1232 t_DmpDecelGainSlewY_UlspS_u13p3[3] 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_ADDStaticTbIY_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 116 t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1] 118 t_FDD_BlendTblY_Uls_u8p8[0] 116 t_FDD_BlendTblY_Uls_u8p8[1] 118 121 t_FDD_BlendTbIY_Uls_u8p8[2] 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

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t_FDD_BlendTblY_Uls_u8p8[9]

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Name	Input Value	
t FDD BlendTblY Uls u8p8[10]	141	
t_FDD_BlendTblY_Uls_u8p8[11]	144	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51	
t InrtCmp ScaleFactorTblY Uls u9p7[1]	64	
t InrtCmp ScaleFactorTblY Uls u9p7[2]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154	
t InrtCmp ScaleFactorTblY Uls u9p7[9]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192	
	46	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47	
t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[1] t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[2]	47	
t_InitCmp_1barvel_ScaleFactor1b11_0is_u9p7[2] t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[3]	50	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60	
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.29999995	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-550.299988	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	290.01001	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.29999995	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.5999999	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I		
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	l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.031 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.781 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.116669 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.050003 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833313 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.58375502 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-4.5999999	-4.5999999 ± 0.00048828125	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.28 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	128036.609
Prev1PreAttnComp MtrNm M f32	8.5
Prev1ScIDrvVel_RadpS_M_f32	5000.02979
Prev2PreAttnComp_MtrNm_M_f32	7.6999981
Prev2ScIDrvVel_RadpS_M_f32	-38.2999992
PrevTbarAng_HwDeg_M_f32	0.660000026
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-5.5
TbarVelFiltSv M str.K Uls f32	0.478560001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.3199997
k CmnTbarStiff NmpDeg f32	5.1999981
k_DmpDecelGainFSlew_UlspS_f32	100.050003
k_DmpDecelGain_Uls_f32	4.80000019
k_DmpGainOffThresh_KphpS_f32	25.2999992
	4.1999981
k_DmpGainOnThresh_KphpS_f32 k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012
k InrtCmp MtrVel ScaleFactor Uls f32	0.200000003
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1608
	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	3480
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	272
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	288
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	320
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

FrqDepDmpnInrtCmp_Per1



		(1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
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_FreqTbIYM_Hz_u12p4[1][7]	768	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTbIYM_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 13952	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]		
t_CmnVehSpd_Kph_u9p7[11] t_DmpADDCoefX_MtrNm_u4p12[0]	14208 4506	
t_DmpADDCoefX_MtrNm_u4p12[1]	4906	
t_DmpADDCoefX_MtrNm_u4p12[1] 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_UIs_u2p14[3]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608 2032	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2032	
t_FDD_ADDStaticToff_MitNinpRadpS_um1p17[2] t_FDD_ADDStaticTbfy_MtrNmpRadpS_um1p17[3]	2878	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	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	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	169	
t_FDD_BlendTblY_Uls_u8p8[11]	172	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179	
t_InrtCmp_ScaleFactorTblY_Uis_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 RIAstWIRBIndTblY Uls u2p14[0]	6554	
t RIAstWIRBIndTblY Uls u2p14[1]	8192	
t_RIAstWIRBIndTblY_UIs_u2p14[2]	9830	
t_RIAstWIRBIndTblY_UIs_u2p14[3]	11469	
t_RIAstWIRBIndTblY_UIs_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.400001	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01001	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.049988	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.29999995	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	5.5	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS		nt lgc
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		
	1 0 - 1 1	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128036.406	128036.406 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	34435492	34435492 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	130.127335	130.12735 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	5000.02979	5000.02979 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076928 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0.261120796	0.261126161 ± 0.00390625	✓
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	128138.586
	-8.5
Prev1PreAttnComp_MtrNm_M_f32 Prev1ScIDrvVel_RadpS_M_f32	-26.2999992
	-6.5999999
Prev2PreAttnComp_MtrNm_M_f32	-0.5959999 175.199997
Prev2ScIDrvVel_RadpS_M_f32	-0.50999999
PrevTbarAng_HwDeg_M_f32 Pto_Coll_Ap_ErsDepDepalertCop_Ethiciantion_Scop_Ethiciantion/SignalDeth_Ula	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp Thor\(c E IPSy_M_etc_SY_Lije_f22)	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp 6.0999999
TbarVelFiltSv_M_str.SV_Uls_f32 TbarVelFiltSv_M_atr.K_Uls_f32	
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1200008 6.80000019
k_CmnTbarStiff_NmpDeg_f32	
k_DmpDecelGainFSlew_UlspS_f32	200.020004
k_DmpDecelGain_Uls_f32	5.9000001
k_DmpGainOffThresh_KphpS_f32	30.2000008
k_DmpGainOnThresh_KphpS_f32	8.30000019
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTbIYM_Hz_u12p4[1][1]	1312

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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	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472	
CmnVehSpd_Kph_u9p7[0]	15488	
CmnVehSpd_Kph_u9p7[1]	15616	
_CmnVehSpd_Kph_u9p7[2]	15744	
	15872	
_CmnVehSpd_Kph_u9p7[4]	16000	
_CmnVehSpd_Kph_u9p7[5]	16128	
_CmnVehSpd_Kph_u9p7[6]	16256	
	16384	
_CmnVehSpd_Kph_u9p7[7]	16512	
_CmnVehSpd_Kph_u9p7[8]		
_CmnVehSpd_Kph_u9p7[9]	16640	
_CmnVehSpd_Kph_u9p7[10]	16768	
_CmnVehSpd_Kph_u9p7[11]	16896	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
	4352	
DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
DmpDecelGainSlewY UlspS u13p3[1]	2416	
DmpDecelGainSlewY UlspS u13p3[2]	2424	
DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
DmpDecelGainSlewY UlspS u13p3[4]	2440	
_DmpDecelGainSlewY_UlspS_u13p3[4]	2448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_UIs_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400	
_FDD_AttenTblY_Uls_u8p8[0]	172	
_FDD_AttenTblY_Uls_u8p8[1]	174	
_FDD_BlendTblY_Uls_u8p8[0]	172	
_FDD_BlendTblY_Uls_u8p8[1]	174	
_FDD_BlendTblY_Uls_u8p8[2]	174	
_FDD_BlendTblY_Uls_u8p8[3]	178	
_FDD_BlendTblY_Uls_u8p8[4]	180	
_FDD_BlendTblY_Uls_u8p8[5]	183	
_FDD_BlendTblY_Uls_u8p8[6]	185	
_FDD_BlendTblY_Uls_u8p8[7]	187	
	189	
t_FDD_BlendTblY_Uls_u8p8[8]	109	

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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_ScaleFactorTbIY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t RIAstWIRBIndTblY UIs u2p14[0]	1638		
t RIAstWIRBIndTblY Uls u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	282		
t_WIRBIndTblX_MtrNm_u8p8[0]	307		
t_WIRBIndTbIX_MtrNm_u8p8[1]			
t_WIRBIndTblX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTblX_MtrNm_u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.400001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-650.080017		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	315.040009		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.30000019		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-5.5999999		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	T	· - -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	T		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		_ : _	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128138.188	128138.188 ± 0.0625	✓

<u> </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128138.188	128138.188 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-64.6186523	-64.6186447 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.2999992 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705896 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.11589229 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.5999999	-5.5999999 ± 0.00048828125	✓

Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached

FrqDepDmpnInrtCmp_Per1



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	~	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte Call Ap FrgDepDmpnInrtCmp FltInjection SCom FltInjection	1	Rte Call Ap FrgDepDmpnInrtCmp FltIniection SCom FltIniection	1	~	

 $Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached$

Гest Step 2.30 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	128240.563
Prev1PreAttnComp_MtrNm_M_f32	1.29999995
Prev1SclDrvVel_RadpS_M_f32	18.2000008
Prev2PreAttnComp MtrNm M f32	6.5999999
Prev2SciDrvVel RadpS M f32	-120.800003
PrevTbarAng_HwDeg_M_f32	20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa	ath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte Inst Ap FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_UIs_f32	-3.5
barVelFiltSv_M_str.K_Uls_f32	0.632139981
CmnSysKinRatio MtrDegpHwDeg f32	85.1299973
	0.5
	300.029999
:_DmpDecelGain_Uls_f32	5.80000019
:_DmpGainOffThresh_KphpS_f32	35.2999992
C_DmpGainOnThresh_KphpS_f32	12.5
:_InrtCmp_MtrInertia_KgmSq_f32	0.00039999999
	0.40000006
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4515
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	4856
2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
2_FDD_FreqTblYM_Hz_u12p4[0][2]	848
2_FDD_FreqTblYM_Hz_u12p4[0][3]	864
2_FDD_FreqTblYM_Hz_u12p4[0][4]	880
2_FDD_FreqTblYM_Hz_u12p4[0][5]	896
2_FDD_FreqTblYM_Hz_u12p4[0][6]	912
2_FDD_FreqTblYM_Hz_u12p4[0][7]	928
2_FDD_FreqTblYM_Hz_u12p4[0][8]	944
2_FDD_FreqTblYM_Hz_u12p4[0][9]	960
2_FDD_FreqTblYM_Hz_u12p4[0][10]	976
2_FDD_FreqTblYM_Hz_u12p4[0][11]	992
2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
2 FDD FreqTblYM Hz u12p4[1][1]	1152



FrqDepDmpnInrtCmp_Per1		Razorcat
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
_CmnVehSpd_Kph_u9p7[0]	10368	
_CmnVehSpd_Kph_u9p7[1]	10496	
_CmnVehSpd_Kph_u9p7[2]	10624	
_CmnVehSpd_Kph_u9p7[3]	10752	
_CmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
_CmnVehSpd_Kph_u9p7[6]	11136	
_CmnVehSpd_Kph_u9p7[7]	11264	
_CmnVehSpd_Kph_u9p7[8]	11392	
_CmnVehSpd_Kph_u9p7[9]	11520	
CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
_DmpADDCoefX_MtrNm_u4p12[4]	14336	
_DmpADDCoefX_MtrNm_u4p12[5]	14746	
DmpADDCoefX_MtrNm_u4p12[6]	15155	
	15565	
:_DmpADDCoefX_MtrNm_u4p12[8]	15974	
DmpADDCoefX_MtrNm_u4p12[9]	16384	
	5792	
	5824	
 _DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
 _DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
 _DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
	5952	
DmpDecelGainSlewY UlspS u13p3[0]	1208	
	1216	
:_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
	1232	
DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWlRBIndY_Uls_u2p14[1]	9830	
DmpFiltKpWIRBIndY_UIs_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1648	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2480	
_FDD_AttenTblY_Uls_u8p8[0]	218	
FDD_AttenTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[0]	218	
_FDD_BlendTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[2]	223	
_FDD_BlendTbIY_Uls_u8p8[3]	225	
_FDD_BlendTblY_Uls_u8p8[4]	227	
_FDD_BlendTbIY_Uls_u8p8[5]	230	
_FDD_BlendTblY_Uls_u8p8[6]	232	
_FDD_BlendTblY_Uls_u8p8[7]	234	
_FDD_BlendTblY_Uls_u8p8[8]	237	
	239	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
	51		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
scaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	102		
	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t Riastwirding toli _ois_u2p14[0]			
	4915 6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	538		
t_WIRBIndTblX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTblX_MtrNm_u8p8[3]	614		
t_WIRBIndTblX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	110.050003		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0299997		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.30000019		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.80000019		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBlnd_MtrNm_f32	
	Actual Value		

V= = = · · · · · · · ·	. 0 =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128239.961	128239.961 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	224855.719	224855.719 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358139 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2000008 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	20	20	•
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751004 ± 0.00390625	•
tgt_FrgDepDmpnInrtCmp_Per1_FrgDepDmpnInrtCmp_MtrNm_f32.value	6.80000019	6.80000019 ± 0.00048828125	✓



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.31 (Repeat Count = 1)	₩
Name	Input Value
PreDecelGain Uls M f32	45678
Prev1PreAttnComp MtrNm M f32	-4.5
Prev1ScIDrvVel_RadpS_M_f32	-48.5
	-1.10000002
Prev2PreAttnComp_MtrNm_M_f32	-380.200012
Prev2ScIDrvVel_RadpS_M_f32	-3.05999994
PrevTbarAng_HwDeg_M_f32	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp -2.5
TbarVelFiltSv_M_str.SV_UIs_f32	-2.5 0.448799998
TbarVelFiltSv_M_str.K_Uls_f32	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25 3.0999999
k_CmnTbarStiff_NmpDeg_f32	
k_DmpDecelGainFSlew_UlspS_f32	1900.07996
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOnThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.69999988
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_FreqTbIYM_Hz_u12p4[1][0]	48
t2 FDD FreqTblYM Hz u12p4[1][1]	64

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd Kph u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
_DmpADDCoefX_MtrNm_u4p12[1]	13107	
_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
mpADDCoefX_MtrNm_u4p12[4]	14336	
_DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1] _DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30624 30656	
	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3] _DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
	30720	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	448	
_DmpDecelGainSlewY_UlspS_u13p3[0]		
_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
_DmpDecelGainSlewY_UlspS_u13p3[2]	464	
_DmpDecelGainSlewY_UlspS_u13p3[3]	472	
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1024	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1364	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1705	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920	
_FDD_AttenTblY_Uls_u8p8[0]	237	
_FDD_AttenTblY_Uls_u8p8[1]	239	
_FDD_BlendTblY_Uls_u8p8[0]	20	
_FDD_BlendTblY_Uls_u8p8[1]	23	
_FDD_BlendTblY_Uls_u8p8[2]	26	
_FDD_BlendTblY_Uls_u8p8[3]	28	
_FDD_BlendTblY_Uls_u8p8[4]	31	
_FDD_BlendTblY_Uls_u8p8[5]	33	
22_2iona.proio_aopo[o]	36	
FDD BlendThlY UIs u8n8f61		
:_FDD_BlendTbIY_Uls_u8p8[6] :_FDD_BlendTbIY_Uls_u8p8[7] :_FDD_BlendTbIY_Uls_u8p8[8]	38 41	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	46	
t_FDD_BlendTblY_Uls_u8p8[11]	49	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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	
	346	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	92	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93 95	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	96	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.10000002	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.029999	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.0099983	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.050003	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.5	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.80000019	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistColor + Color + C$	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVertex (Compared to the compared to the com$	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqD$	pSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	3
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrt$	nln tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_Per1_HwTorque_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqD$	hwt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee	d tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		
Name	Actual Value Expected Value	Resu
PreDecelGain Llls M f32	45674 1992 45674 1992 + 0.0625	

<u> </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.1992 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.4414 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.861557 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.06451607 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.39141941 ± 0.00390625	✓
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	-8.80000019	-8.80000019 ± 0.00048828125	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Fest Step 2.32 (Repeat Count = 1)	
lame	Input Value
PreDecelGain Uls M f32	127628.711
Prev1PreAttnComp MtrNm M f32	6.5
Prev1ScIDrvVel_RadpS_M_f32	163.600006
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2ScIDrvVel_RadpS_M_f32	175.300003
PrevTbarAng_HwDeg_M_f32	1.15400004
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	3.20000005
barVelFiltSv_M_str.K_Uls_f32	0.559899986
_CmnSysKinRatio_MtrDegpHwDeg_f32	27.0599995
	1.29999995
	200.089996
	2.79999995
DmpGainOffThresh_KphpS_f32	22.2000008
: DmpGainOnThresh KphpS f32	24.600004
nrtCmp_MtrInertia_KgmSq_f32	0.000339999999
MtrVel_ScaleFactor_Uls_f32	0.600000024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	1389
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	1692
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1695
2 FDD FreqTblYM Hz u12p4[0][0]	336
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	352
2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
2_FDD_FreqTbIYM_Hz_u12p4[0][5]	416
2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
	64
7 FDD FreathIYM Hz (112n41110)	
2_FDD_FreqTblYM_Hz_u12p4[1][0] 2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

2015-10-26, 12:24:18+0530



FrqDepDmpnInrtCmp_Per1 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] 224 240 t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0] 2560 3840 t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2] 5120 $t_CmnVehSpd_Kph_u9p7[3]$ 6400 7680 t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5] 8960 t_CmnVehSpd_Kph_u9p7[6] 10240 11520 t_CmnVehSpd_Kph_u9p7[7] 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 27360 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 27392 $t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]$ 27424 t_DmpDecelGainSlewY_UlspS_u13p3[0] 680 688 t_DmpDecelGainSlewY_UlspS_u13p3[1] 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

161

328

494

661

827

994

1160

1326

1493

1659

1760

2000 49

51 49

51

54

57

60

63

66

68

71

74

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]

t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]

t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]

 $t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]$

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]

t_FDD_AttenTblX_MtrRadpS_u12p4[0]

t_FDD_AttenTblX_MtrRadpS_u12p4[1]

t_FDD_AttenTblY_Uls_u8p8[0] t_FDD_AttenTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]

t_FDD_BlendTblY_Uls_u8p8[2]

t_FDD_BlendTblY_Uls_u8p8[3]

t FDD BlendTblY Uls u8p8[4]

t_FDD_BlendTblY_Uls_u8p8[5]

t_FDD_BlendTblY_Uls_u8p8[6]

t_FDD_BlendTblY_Uls_u8p8[7]

t_FDD_BlendTblY_Uls_u8p8[8]

t_FDD_BlendTblY_Uls_u8p8[9]

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	77	
t_FDD_BlendTblY_Uls_u8p8[11]	80	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307	
t InrtCmp ScaleFactorTblY Uls u9p7[8]	320	
t InrtCmp ScaleFactorTblY Uls u9p7[9]	333	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830	
t_WIRBIndTblX_MtrNm_u8p8[0]	1690	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741	
t_WIRBIndTblX_MtrNm_u8p8[3]	1766	
	1792	
t_WIRBIndTblX_MtrNm_u8p8[4] tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25	
	0	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.0600014	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.019989	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.19999981	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	8.80000019	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm-		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		
	mpSi tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIrrt		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE		
Name	Actual Value Expected Value	Result

<u>v= = = := : : : : : : : = = = </u>	. 0 = = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.313 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.291 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.225555 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.600006 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.36525083 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	✓



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.33 (Repeat Count = 1)	<u> </u>
	Input Value
	127730.688
	-6.5
	-90.2300034
	-8.1000038
	-120.099998
_ ,	-0.55400002
0_ 0	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	4.5
	0.125799999
	26.0200005
	2.70000005
	300.059998
	3.5
	33.2000008
	32.2000008
	0.000349999988
	0.5
	1066
	1212
	1359
	1506
	1653
	1800
	1946
	2093
	2240
	2387
	885
	986
	1087
	1188
	1288
	1389
	1490 1591
	1692
	1793
	656
	672
	704
	720
, ,,	736
	752
	768 784
, , , , ,	
	800
	816
	832
	80 96

FrqDepDmpnInrtCmp_Per1

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т түр бүр түттүү түг		(= 10=10
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_FreqTbIYM_Hz_u12p4[1][8]	208	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
t2_FDD_FreqTbIYM_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 21299	
t_DmpADDCoefX_MtrNm_u4p12[1]		
t_DmpADDCoefX_MtrNm_u4p12[2] t DmpADDCoefX MtrNm u4p12[3]	21709 22118	
	22528	
t_DmpADDCoefX_MtrNm_u4p12[4]	22938	
t_DmpADDCoefX_MtrNm_u4p12[5]	23347	
t_DmpADDCoefX_MtrNm_u4p12[6]	23757	
t_DmpADDCoefX_MtrNm_u4p12[7] 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[1]	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_UIs_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080	
t_FDD_AttenTblY_Uls_u8p8[0]	65	
t_FDD_AttenTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[0]	65	
t_FDD_BlendTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[2]	70	
t_FDD_BlendTblY_Uls_u8p8[3]	73	
t_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	86	
t_FDD_BlendTblY_Uls_u8p8[9]	88	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_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 RIAstWIRBIndTblY Uls u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.140015		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.059998		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.1999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	0		
tgt_rtc_sair_Ap_rtqbcpbmpnlnrtCmp.FrqDepDmpnlnrtCmp Per1 BaseAssistC		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDm			
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 FraDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_t	0_ , , , ,_ ,_ ,		
tgt_Rte_Inst_Ap_rrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_TwYorque_n	0- 1 1 1 1 1-	-	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Ve1licleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
			Desiri
Name	Actual Value	Expected Value	Resul

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.086 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.7891 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.675308 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.2300034 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555582 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.83605552 ± 0.00390625	✓
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.34 (Repeat Count = 1)	√
	Input Value
	126812.906
	-7.69999981
1= ==	-28.5
	-6.5
Prev2ScIDrvVel_RadpS_M_f32	-297.299988
	1.14499998
0_ 0	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
: _ : _ : _ :	-4.1999981
	0.0325700007
	55.1199989
	5.5
	1200.05005
	2.5
	8.1999981
	35.2000008
_ , , ,	0.00013
	0.5
	342
	683 1024
	1364
	1705
, , _ ,,	2046
	2387
, , _ , ,,	2728
	3068
, , _ , ,,	3409
	161
	328
	494
	661
	827
	994
	1160
	1326
	1493
	1659
	496
	512
	528
	544
	560
, ,,	576
,	592
	608
	624
	640
	656
	672
,	96 112
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	

FrqDepDmpnInrtCmp_Per1

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lame	Input Value	
_FDD_FreqTblYM_Hz_u12p4[1][2]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
P_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
P_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
P_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	272	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[3]	512	
CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd_Kph_u9p7[6]	896	
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
DmpADDCoefX_MtrNm_u4p12[0]	12698	
DmpADDCoefX_MtrNm_u4p12[1]	13107	
DmpADDCoefX_MtrNm_u4p12[2]	13517	
DmpADDCoefX_MtrNm_u4p12[3]	13926	
DmpADDCoefX_MtrNm_u4p12[4]	14336	
DmpADDCoefX_MtrNm_u4p12[5]	14746	
DmpADDCoefX_MtrNm_u4p12[6]	15155	
DmpADDCoefX_MtrNm_u4p12[7]	15565	
DmpADDCoefX_MtrNm_u4p12[8]	15974	
DmpADDCoefX_MtrNm_u4p12[9]	16384	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5312	
	5344	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]		
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440	
DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1506	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946	
FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	2093	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1296	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1360	
FDD_AttenTblX_witraup3_u12p4[1]	230	
FDD_AttenTblY_Uis_u8p8[1]	232	
	218	
FDD_BlendTblY_Uls_u8p8[0]		
FDD_BlendTblY_Uls_u8p8[1]	220	
FDD_BlendTblY_Uls_u8p8[2]	223	
FDD_BlendTblY_Uls_u8p8[3]	225	
FDD_BlendTblY_Uls_u8p8[4]	227	
FDD_BlendTbIY_Uls_u8p8[5]	230	
FDD_BlendTbIY_Uls_u8p8[6]	232	
FDD_BlendTbIY_Uls_u8p8[7]	234	
FDD_BlendTblY_Uls_u8p8[8]	237	
_FDD_BlendTblY_Uls_u8p8[9]	239	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_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		
_ :	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	13107		
t_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTblX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-5.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.199997		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.0499992		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.69999981		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	7.30000019		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_Per1_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtCmp_BaseAssistCmpTerpDepDmpnInrtC$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_InstAp_FrqDepDmpnInrtCmp_Per1_CRFM$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSpread and the property of the property o$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	rlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmpnIrrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	rtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl	Nm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	el_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpError App_FrqDepDmpnInrtCmp_Perror $	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	Ind_MtrNm_f32	
Name	Actual Value E	xpected Value	Resul
Da-Da10-in Lille M 600	106010.006	26942 006 + 0 0625	

V= = = · · · · · · · · · · · · · · · · ·	. 0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.906 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.719 ± 0.9	~
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.8688354 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.69999981 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	1.14545453	1.14545453 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.05580378 ± 0.00390625	~
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.30000019 ± 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	~
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

lame	Innut Value
	Input Value
reDecelGain_Uls_M_f32	126914.883
rev1PreAttnComp_MtrNm_M_f32	1.5
rev1ScIDrvVel_RadpS_M_f32	24.6000004
rev2PreAttnComp_MtrNm_M_f32	6.5
rev2SclDrvVel_RadpS_M_f32	382.200012
revTbarAng_HwDeg_M_f32	-0.978999972
tte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP	
tte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	4.30000019
barVelFiltSv_M_str.K_Uls_f32	0.0963210016
_CmnSysKinRatio_MtrDegpHwDeg_f32	66.1299973
_CmnTbarStiff_NmpDeg_f32	6.5
_DmpDecelGainFSlew_UlspS_f32	1300.06006
_DmpDecelGain_Uls_f32	5.5999999
_DmpGainOffThresh_KphpS_f32	12.1999998
_DmpGainOnThresh_KphpS_f32	40.0999985
_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
P_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1493
2_FDD_ADDROIIIIgTbITM_MitNinpRadpS_uiiTpT7[1][6] 2_FDD_ADDRoilingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
P_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
	1152
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1168
2_FDD_FreqTblYM_Hz_u12p4[0][2]	
P_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
P. FDD_FreqTblYM_Hz_u12p4[0][4]	1200
P. FDD_FreqTblYM_Hz_u12p4[0][5]	1216
P. FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
2_FDD_FreqTbIYM_Hz_u12p4[1][0]	656
2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

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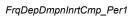
гідоеропірпіпіі.Спір_гегі		
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
	6400	
CmnVehSpd_Kph_u9p7[3]		
CmnVehSpd_Kph_u9p7[4]	7680	
CmnVehSpd_Kph_u9p7[5]	8960	
CmnVehSpd_Kph_u9p7[6]	10240	
CmnVehSpd_Kph_u9p7[7]	11520	
CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
DmpADDCoefX_MtrNm_u4p12[1]	17203	
DmpADDCoefX_MtrNm_u4p12[2]	17613	
DmpADDCoefX_MtrNm_u4p12[3]	18022	
DmpADDCoefX_MtrNm_u4p12[4]	18432	
_DmpADDCoefX_MtrNm_u4p12[5]	18842	
_DmpADDCoefX_MtrNm_u4p12[6]	19251	
_DmpADDCoefX_MtrNm_u4p12[7]	19661	
DmpADDCoefX_MtrNm_u4p12[8]	20070	
DmpADDCoefX_MtrNm_u4p12[9]	20480	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
DmpDecelGainSlewX MtrRadpS u11p5[1]	11712	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
	1616	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1624	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1632	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	3990	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1344	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1440	
FDD_AttenTblY_Uls_u8p8[0]	71	
	74	
FDD_AttenTblY_Uls_u8p8[1] FDD_RlandTblY_Uls_u8p8[0]		
FDD_BlendTblY_Uls_u8p8[0]	3	
FDD_BlendTblY_Uls_u8p8[1]	5	
FDD_BlendTblY_Uls_u8p8[2]	8	
_FDD_BlendTbIY_Uls_u8p8[3]	10	
_FDD_BlendTbIY_Uls_u8p8[4]	13	
_FDD_BlendTblY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
_FDD_BlendTblY_Uls_u8p8[7]	20	
FDD_BlendTblY_Uls_u8p8[8]	23	
BB_Biolia i Bi i _elo_dopo[o]		

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_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_RIAstWIRBIndTblY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_MtrNm_u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-200.399994		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_NewTorque_nwNtn_rsz.value	-44.060001		
	210.029999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.19999981		
tgt_Rte_Call_Ap_FiqDepDmpnInttCmp_FitInjection_Scotil_FitInjection tgt_Rte_Inst_Ap_FiqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd MtrNm f32	
tgt_Rte_Inst_Ap_riqDepDinpfillitCimp.FrqDepDinpfillitCimp_Fei1_BaseAssistCim tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pei1_BaseAssistCim tgt_Rte_Inst_Ap_riqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pei1_BaseAssistCim			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInttCmp.FrqDepDmpnInttCmp_Per1_FreqDepDmpnl tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_FrqDepDmpni tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_mw1orque_nw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpt			
	<u> </u>	<u> </u>	
Name	Actual Value	Expected Value	Result

	h = . 131	- 9			
Name	Actual Value	Expected Value	Result		
PreDecelGain_Uls_M_f32	126912.281	126912.281 ± 0.0625	~		
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.438 ± 0.9	•		
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.6709976 ± 0.00390625	•		
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	•		
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6000004 ± 0.00390625	✓		
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615386 ± 0.00390625	✓		
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.61538005 ± 0.00390625	✓		
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.19999981 ± 0.00048828125	✓		





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Case 3:	Path Test					
Specification	Performance Metrics Environment)	(With	"None"	Instrumentation	and	"WithPS"

CPU Cycles:

TS3.1 5949.00 Cycles TS3.2 5980.00 Cycles TS3.3 6964.00 Cycles

Description Test Vector Description:

 $\label{eq:total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_total_$

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain Uls M f32	125487.234
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_UIs_	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	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728

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Name	Input Value	
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][8]	3068	
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	3409	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	32	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96 112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTbIYM_Hz_u12p4[1][6] 2_FDD_FreqTbIYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTbIYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd Kph u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552 3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1] DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
DmpDecelGainSlewX_MtrRadpS_u11p5[2] DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3680	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY_UlspS_u13p3[3]	432	
DmpDecelGainSlewY_UlspS_u13p3[4]	440	
DmpDecelGainSlewY_UlspS_u13p3[5]	448	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	

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Name	Input Value			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159 240			
t_FDD_AttenTblX_MtrRadpS_u12p4[0] t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320			
t FDD AttenTblY UIs 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	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] t InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	38 51			
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[3] 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_ScaleFactorTbIY_Uls_u9p7[6]	9			
t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[7]	10			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	12			
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	14			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638			
t_RIAstWIRBIndTblY_UIs_u2p14[1]	3277			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915			
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192			
t_WIRBIndTbIX_MtrNm_u8p8[0]	282			
t_WIRBIndTbIX_MtrNm_u8p8[1]	307			
t_WIRBIndTbIX_MtrNm_u8p8[2]	333			
t_WIRBIndTbIX_MtrNm_u8p8[3]	358			
t_WIRBIndTbIX_MtrNm_u8p8[4]	384			
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038			
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0			
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10			
tgt_FrqDepDmpnIntCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005 100.010002			
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005			
tgt_riqDepDmpnintCmp_Peri_wikCmdAmpbilid_intintin_isz.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.20000005			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo		Cmd MtrNm f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	1			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_				
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB				
	Actual Value	Expected Value	Resul	
Name	Actual value	Expected value	Resul	

PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	•
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	✓

FrqDepDmpnInrtCmp_Per1

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Name	Actual Value	Expected Value	Result
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	1.20000005	1.20000005 ± 0.00048828125	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.2 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125589.211
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002
Prev1ScIDrvVel RadpS M f32	-445.299988
Prev2PreAttnComp MtrNm M f32	-6.80000019
Prev2SciDrvVel RadpS M f32	-220.300003
PrevTbarAng HwDeg M f32	4.33900023
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	0.236499995
k CmnSysKinRatio MtrDegpHwDeg f32	20,2999992
k_CmnTbarStiff_NmpDeg_f32	2.2999995
k DmpDecelGainFSlew UlspS f32	200,029999
k DmpDecelGain Uls f32	3.5999999
k DmpGainOffThresh KphpS f32	20.2000008
k DmpGainOnThresh KphpS f32	35.2999992
k InrtCmp MtrInertia KgmSq f32	9.0000014e-005
k InrtCmp MtrVel ScaleFactor Uls f32	0.800000012
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387 2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	
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

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гідоеротріптілістр_гегі		10011
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	208	
P_FDD_FreqTblYM_Hz_u12p4[1][0]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
CmnVehSpd_Kph_u9p7[2]	5120	
CmnVehSpd Kph u9p7[3]	6400	
	7680	
_CmnVehSpd_Kph_u9p7[4]		
CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_DmpADDCoefX_MtrNm_u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
DmpDecelGainSlewX MtrRadpS u11p5[0]	3872	
DmpDecelGainSlewX MtrRadpS u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX MtrRadpS u11p5[3]	3968	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	704	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
	1695	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]		
FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
FDD_AttenTblX_MtrRadpS_u12p4[1]	400	
_FDD_AttenTblY_Uls_u8p8[0]	65	
_FDD_AttenTblY_Uls_u8p8[1]	68	
_FDD_BlendTblY_Uls_u8p8[0]	5	
_FDD_BlendTblY_Uls_u8p8[1]	8	
_FDD_BlendTblY_Uls_u8p8[2]	10	
	13	
_FDD_BlendTblY_Uls_u8p8[3]		

FrqDepDmpnInrtCmp_Per1

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Input Value t_FDD_BlendTblY_Uls_u8p8[5] 18 20 t_FDD_BlendTblY_Uls_u8p8[6] 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 77 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] 90 102 t InrtCmp ScaleFactorTblY Uls u9p7[6] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] 115 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] 128 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 141 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 154 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 166 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] 15 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] 17 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] 18 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] 19 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] 20 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] 22 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] 23 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7] 24 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8] 26 t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9] 27 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] 28 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11] 29 t_RIAstWIRBIndTblY_Uls_u2p14[0] 3277 t RIAstWIRBIndTblY Uls u2p14[1] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 6554 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[4] 9830 $t_WIRBIndTbIX_MtrNm_u8p8[0]$ 538 t_WIRBIndTbIX_MtrNm_u8p8[1] 563 t_WIRBIndTbIX_MtrNm_u8p8[2] 589 t WIRBIndTbIX_MtrNm_u8p8[3] 614 t_WIRBIndTbIX_MtrNm_u8p8[4] 640 $tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value$ -8.19999981 $tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value$ -600.299988 $tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$ 1 tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value 10 tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value 20.0300007 tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value 200 020004 tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value 2.29999995 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio -1 29999995 $tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc \\ tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f42 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f42 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f42 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f42 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f42 \\ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_FrqDepDmpnInrtCmp_Ap_$ tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I tgt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32 $\label{total_problem} \mbox{tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_Per1_FreqDepD$ tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp Her1 FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 $tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt\\ \ tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32$ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Fr $tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I \\ tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_I \\ tgt_FrqDepDmpnInrtCmp_Per1_Vehicle$ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32 **Actual Value** Name Expected Value PreDecelGain Uls M f32 125588 813 125588.813 ± 0.0625 Prev1PreAttnComp_MtrNm_M_f32 -321190.063 -321190.156 ± 0.9 -480.309448 ± 0.00390625 Prev1SclDrvVel RadpS M f32 -480.309448 Prev2PreAttnComp_MtrNm_M_f32 -1.10000002 -1.10000002 ± 0.00048828125 Prev2ScIDrvVel RadpS M f32 -445.299988 -445.299988 ± 0.00390625 PrevTbarAng_HwDeg_M_f32 4.347826 4.347826 ± 0.00390625 -0.865101695 -0.865065217 ± 0.00390625 TbarVelFiltSv M str.SV Uls f32 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$ -1.29999995 -1.29999995 ± 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	•
GenFddlcCmd	1	GenFddlcCmd	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	✓
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.3 (Repeat Count = 1)	~
Name	Input Value
PreDecelGain Uls M f32	125997.109
Prev1PreAttnComp MtrNm M f32	-3.2999995
Prev1ScIDrvVel_RadpS_M_f32	-4021.30005
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2ScIDrvVel_RadpS_M_f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-6.5999999
	0.632139981
TbarVelFiltSv_M_str.K_Uls_f32	60.0499992
k_CmnSysKinRatio_MtrDegpHwDeg_f32	6.1999981
k_CmnTbarStiff_NmpDeg_f32	400.049988
k_DmpDecelGainFSlew_UlspS_f32	
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.600004
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTbIYM_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_FreqTbIYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTbIYM_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

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DmpFillKpWiRBlindY_Uls_u2p14[3]	t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
DmpFiltKpWiRBindY_Uis_u2p14[4]	t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
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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[6] 33 t_FDD_BlendTblY_Uls_u8p8[7] 36 t_FDD_BlendTblY_Uls_u8p8[8] 38			
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[6] 33 t_FDD_BlendTblY_Uls_u8p8[7] 36 t_FDD_BlendTblY_Uls_u8p8[8] 38			
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[6] 33 t_FDD_BlendTblY_Uls_u8p8[7] 36 t_FDD_BlendTblY_Uls_u8p8[8] 38			
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[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[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[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[6] 33 t_FDD_BlendTblY_Uls_u8p8[7] 36 t_FDD_BlendTblY_Uls_u8p8[8] 38			
t_FDD_BlendTblY_Uls_u8p8[7] 36 t_FDD_BlendTblY_Uls_u8p8[8] 38			
t_FDD_BlendTblY_Uls_u8p8[8] 38			
T_FUU_BIENa I DIY_UIS_U8P8[9] 41			
	T-LND_Rieua i pi x _ Nis _ ngbg[a]	41	

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FrqDepDmpnInrtCmp_Per1 Input Value t_FDD_BlendTblY_Uls_u8p8[10] 44 t_FDD_BlendTblY_Uls_u8p8[11] 46 154 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 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_RIAstWIRBIndTbIY_Uls_u2p14[0] 1638 t_RIAstWIRBIndTbIY_Uls_u2p14[1] 3277 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[4] 8192 t WIRBIndTbIX MtrNm u8p8[0] 1562 t WIRBIndTbIX MtrNm u8p8[1] 1587 t_WIRBIndTbIX_MtrNm_u8p8[2] 1613 1638 t_WIRBIndTbIX_MtrNm_u8p8[3] t WIRBIndTbIX MtrNm u8p8[4] 1664 -6.30000019 $tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value$ $tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value$ -1118 $tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$ 0 tat FraDepDmpnInrtCmp Per1 HwTorque HwNm f32.value 1.01999998 $tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value$ -20.0100002 tgt FrgDepDmpnInrtCmp Per1 VehicleSpeed Kph f32.value 110.07 $tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value$ 6.30000019 tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio 2.4000001

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_BaseAssistCmc
tgt_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAccct
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccet_KphpS_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32

tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi | tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.313 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653 ± 9.9	•
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	2.4000001	2.4000001 ± 0.00048828125	✓

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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

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GenFddlcCmd

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia_FLTINJ

Test Object GenFddlcCmd

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\NxtrLib\\nclude -I\\$(PROJECTROOT)\\StdDef\)include -I\\$(ProjectROOT)\\StdDef\)include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\\$(PROJECTROOT) \NxtrLib\include -I\\$(PROJECTROOT)\\StdDef\include -I\\$(ProgramFiles)\\Texas Instruments\\ccsv4\\tools\\compiler\\tms470_4.9.5\\include

Comments/Description/	Specification Specific at 10 miles and 10 miles
Name	Text
Module 'FDD_Inertia_FLTINJ'	Name of Tester: Jayesh Jahagirdar
	Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency Dependent Damping And Inertia Compensation MDD.doc
	Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470 4.9.5
	Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994
	Total RAM Used (Bytes):60 Total CALS Used (Bytes):328 Special Test Requirements:
	Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function, the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	
Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 362.00 Cycles TS1.2 362.00 Cycles

Description Test Vector Description:

TS1.1 "Shortest Execution Path:
(ScaledDriverVel_MtrRadpS_T_f32>=D_ATTENTBLMAXINPUT_MTRRADPS_F32)=True"
TS1.2 "Longest Execution Path:
(ScaledDriverVel_MtrRadpS_T_f32>=D_ATTENTBLMAXINPUT_MTRRADPS_F32)=False
(ScaledDriverVel_MtrRadpS_T_f32<=D_ATTENTBLMININPUT_MTRRADPS_F32)=False"

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

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

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.2		
Prev1ScIDrvVel_RadpS_M_f32	-16.66		
Prev2PreAttnComp_MtrNm_M_f32	-5.2		
Prev2ScIDrvVel_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	Resul
GenFddlcCmd()	-0.334564269	-0.334564171 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722	-0.738348516 ± 0.0000009	
Prev1SclDrvVel_RadpS_M_f32	10.199998	10.2 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	
Prev2SclDrvVel RadpS M f32	-16.6599998	-16.66 ± 0.00390625	

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GenFddlcCmd

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

GenFddlcCmd

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Test Case 2: Boundary Test

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GenFddlcCmd



Specification

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

CPU Cycles:

010 070	200
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 TS2.13	374.00 Cycles
TS2.13 TS2.14	374.00 Cycles 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 362.00 Cycles
TS2.29	
TS2.30	362.00 Cycles
TS2.31	362.00 Cycles
TS2.32 TS2.33	362.00 Cycles 362.00 Cycles
TS2.34	
TS2.35 TS2.36	374.00 Cycles 362.00 Cycles
TS2.37 TS2.38	
TS2.38	362.00 Cycles 362.00 Cycles
TS2.39	374.00 Cycles
TS2.40	374.00 Cycles 374.00 Cycles
TS2.41	362.00 Cycles
TS2.42	374.00 Cycles
TS2.43	362.00 Cycles
TS2.45	362.00 Cycles
TS2.45	374.00 Cycles
TS2.40	362.00 Cycles
TS2.47	362.00 Cycles
TS2.49	362.00 Cycles
TS2.50	362.00 Cycles
TS2.51	362.00 Cycles
102.51	JUZ.UU CYCIEB





Description Test Vector Description

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

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

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Test Step Call Trace

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result





Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.8		
Prev1ScIDrvVel_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
GenFddlcCmd()	2046.13135	2046.131531 ± 0.009	~
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.131531 ± 0.009	~
Prev1ScIDrvVel_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
GenFddlcCmd()	-0.330669165	-0.330669151 ± 0.0000009	
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	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

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GenFddlcCmd

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	352		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0332		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.13456		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0005345		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.509668887	0.509668855 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.918753337 ± 0.000009	~
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
GenFddlcCmd()	0.782138526	0.78213851 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.552150842 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	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_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.157648206	0.157648289 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.347913265	0.347913465 ± 0.0000009	~
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✓
Prev2ScIDrvVel_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)			V
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
GenFddlcCmd()	-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	3.2999995	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	Resul
GenFddlcCmd()	470.300568	470.3005767 ± 0.0009	•
Prev1PreAttnComp_MtrNm_M_f32	691.936462	691.9364807 ± 0.0009	
Prev1ScIDrvVel_RadpS_M_f32	2562.6001	2562.6 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.2999995	-3.3 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	-4.21000004	-4.21 ± 0.00390625	





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)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.4		
Prev1SclDrvVel_RadpS_M_f32	1234.56		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2SclDrvVel_RadpS_M_f32	4678.14		
ScaledDriverVel_MtrRadpS_T_f32	-2.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184534		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.452345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	21.4257507	21.42575176 ± 0.00009	~
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)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.4		
Prev1SclDrvVel_RadpS_M_f32	-27.55		
Prev2PreAttnComp_MtrNm_M_f32	-1.7		
Prev2SclDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.003467		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.1945645		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.823423		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.6345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.823069274	-0.82306927 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.344535448 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	~
Prev2ScIDrvVel_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		
Prev1ScIDrvVel_RadpS_M_f32	6789.565		
Prev2PreAttnComp_MtrNm_M_f32	1.7		
Prev2SclDrvVel_RadpS_M_f32	5322.14		
ScaledDriverVel_MtrRadpS_T_f32	-3.9		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	944		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	960		
t_FDD_AttenTblY_Uls_u8p8[0]	78		
t_FDD_AttenTblY_Uls_u8p8[1]	80		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.004353		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0016456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.7234		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.36567		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.0503453612	0.050345373 ± 0.00000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.165236056	0.165236095 ± 0.0000009	~
Prev1ScIDrvVel_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	~		
IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1	Intpivarx1_u10_u10xu101_Citt	1			

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.5		
Prev1ScIDrvVel_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
GenFddlcCmd()	-0.619547307	-0.619547276 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.45508361	-1.45508351 ± 0.000009	~
Prev1ScIDrvVel_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

GenFddlcCmd

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Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.625984669	0.62598471 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.22329831	1.223298365 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-2234.69995	-2234.7 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.599999	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
GenFddlcCmd()	-18.191328	-18.1913286 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.92534236 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.6 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-33.0999985	-33.1 ± 0.00390625	✓

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_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280
t_FDD_AttenTblY_Uls_u8p8[0]	183
t_FDD_AttenTblY_Uls_u8p8[1]	185
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00864
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31545
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.3454

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GenFda	llcCmd	

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.6353		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.29496682	1.294967011 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.811538551 ± 0.000009	~
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		
Prev1ScIDrvVel_RadpS_M_f32	-28.02		
Prev2PreAttnComp_MtrNm_M_f32	-6.5		
Prev2SclDrvVel_RadpS_M_f32	-27		
ScaledDriverVel_MtrRadpS_T_f32	6.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.009585		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32554		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.1496		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.234535		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.634453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-3.82750082	-3.827500822 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-4.26017475	-4.260174828 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	6.19999981	6.2 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-7.6999981	-7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.0200005	-28.02 ± 0.00390625	~

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
GenFddlcCmd()	0.371916622	0.371916637 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	1.34099519	1.340995197 ± 0.000009	~
Prev1ScIDrvVel_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

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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		
Prev1ScIDrvVel_RadpS_M_f32	-16.05		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2ScIDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1568		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01423		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0014534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.164055958	0.164056011 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009	~
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	

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Test Step 2.19 (Repeat Count = 1)			<u> </u>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	97		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.44737673	1.447376757 ± 0.000009	-
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024956 ± 0.000009	-
Prev1ScIDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	-
Prev2ScIDrvVel 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		



GenFddlcCmd

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
GenFddlcCmd()	-2.45213747	-2.452137655 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.516167192 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-69.4000015	-69.4 ± 0.00390625	✓

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

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

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1776		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.05342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0004234		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.845555		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5474		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2.5159831	2.515983222 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.37220788	3.372207879 ± 0.000009	~
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
GenFddlcCmd()	-9.47003937	-9.470039831 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.14364099 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.54 ± 0.00390625	~

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
GenFddlcCmd()	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
GenFddlcCmd()	-2.11698532	-2.116985416 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.337665637 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	4.099999	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		
Prev1ScIDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2ScIDrvVel_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	Resul
GenFddlcCmd()	16.6205254	16.62052631 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	37.3232841	37.32328714 ± 0.00009	•
Prev1SclDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	100.040001	100.04 ± 0.00390625	





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		
Prev1ScIDrvVel_RadpS_M_f32	250.45		
Prev2PreAttnComp_MtrNm_M_f32	-7.7		
Prev2ScIDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	-39.07		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	224		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240		
t_FDD_AttenTblY_Uls_u8p8[0]	116		
t_FDD_AttenTblY_Uls_u8p8[1]	118		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.25856		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.65		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.734		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.245645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-11.8644609	-11.86446038 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-26.1836376	-26.18363669 ± 0.00009	✓
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		
Prev2ScIDrvVel_RadpS_M_f32	0		
ScaledDriverVel_MtrRadpS_T_f32	6075.09		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.35		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.365		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	452.265015	452.2649718 ± 0.0009	~
Prev1PreAttnComp_MtrNm_M_f32	793.012634	793.0125532 ± 0.0009	~
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		
Prev2ScIDrvVel_RadpS_M_f32	-10.12		
ScaledDriverVel_MtrRadpS_T_f32	6.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268567		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.24		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.000456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.4766		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-5.66504765	-5.665048067 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.431699448 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	6.01999998	6.02 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	✓
Prev2ScIDrvVel_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		
Prev1ScIDrvVel_RadpS_M_f32	18.6		
Prev2PreAttnComp_MtrNm_M_f32	6.6		
Prev2ScIDrvVel_RadpS_M_f32	10.25		
ScaledDriverVel_MtrRadpS_T_f32	-6.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	272		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27443		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.389		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57686		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.33675155	-0.336751733 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	~
Prev1SclDrvVel_RadpS_M_f32	-6.05999994	-6.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	18.6000004	18.6 ± 0.00390625	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Test Step 2.31 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	1.3	
Prev1ScIDrvVel_RadpS_M_f32	-12917.3	
Prev2PreAttnComp_MtrNm_M_f32	-5.5	
Prev2ScIDrvVel_RadpS_M_f32	-900.36	
ScaledDriverVel_MtrRadpS_T_f32	-4.02	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	288		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2560		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.78		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.6786		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.722379088	0.722378984 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.935381268 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-4.0199998	-4.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	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
GenFddlcCmd()	1.61534405	1.615344 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	5.30164194	5.301641847 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-1.04999995	-1.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.29999995	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_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2720
t_FDD_AttenTblY_Uls_u8p8[0]	106
t_FDD_AttenTblY_Uls_u8p8[1]	109
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01324
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3056
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454

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GenFddlcCmd

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.96688271	-2.966882443 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.165300993 ± 0.000009	✓
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	<u> </u>

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

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





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
GenFddlcCmd()	-3.7178309	-3.71783362 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.200903862 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1000.40002	-1000.4 ± 0.00390625	~

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

Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
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
GenFddlcCmd()	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
GenFddlcCmd()	-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		
Prev2ScIDrvVel_RadpS_M_f32	6000.69		
ScaledDriverVel_MtrRadpS_T_f32	5.9		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2720		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3200		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053453		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0012342		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56575		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32786		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.2564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.06544733	4.06544767986332 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017977447094 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	5.9000001	5.9 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	~
Prev2ScIDrvVel_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	
Prev2ScIDrvVel_RadpS_M_f32	9000.45	
ScaledDriverVel_MtrRadpS_T_f32	2557	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

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GenFddlcCmd

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

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
GenFddlcCmd()	-4.42373562	-4.423735974 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.147312297 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.7 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5999999	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	~

Name	Input Value	
Prev1PreAttnComp MtrNm M f32	-4.6	
	600.07	
Prev1ScIDrvVel_RadpS_M_f32		
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	

GenFddlcCmd

Prev2ScIDrvVel_RadpS_M_f32

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600.07 ± 0.00390625

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.4342		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.845		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.46749699	-1.467496866 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316187 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-6.80000019	-6.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.6 ± 0.00048828125	~

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

600.070007

Name	Input Value		
Prev1PreAttnComp MtrNm M f32	5.7		
Prev1ScIDrvVel_RadpS_M_f32	5000		
Prev2PreAttnComp_MtrNm_M_f32	0		
Prev2SclDrvVel_RadpS_M_f32	8000.65		
ScaledDriverVel_MtrRadpS_T_f32	2412.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3520		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.001234		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00024378		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93453		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-14.621316	-14.62131553 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565	-19.59715589 ± 0.00009	
Prev1SclDrvVel_RadpS_M_f32	2412.05005	2412.05 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	5.6999981	5.7 ± 0.00048828125	•
Prev2ScIDrvVel 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		
Prev1ScIDrvVel_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
GenFddlcCmd()	3.19451404	3.19451007405634 ± 0.000009	•
Prev1PreAttnComp_MtrNm_M_f32	3.45061421	3.45061003779925 ± 0.000009	•
Prev1ScIDrvVel_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

IntplVarXY_u16_u16Xu16Y_Cnt



Count Result

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
GenFddlcCmd()	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	~

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

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
GenFddlcCmd()	-2.39375806	-2.393758233 ± 0.000009	-
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886	-8.281109564 ± 0.000009	•
Prev1ScIDrvVel_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		
Prev2ScIDrvVel_RadpS_M_f32	8563.3		
ScaledDriverVel_MtrRadpS_T_f32	-4.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.14		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.24506903	1.245069116 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.706252252 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	289.649994	289.65 ± 0.00390625	~

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

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Test Step 2.49 (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_UIs_T_Str	

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.38		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0	0 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	132.005234	132.0052327 ± 0.0009	✓
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				V
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		
Prev1ScIDrvVel_RadpS_M_f32	500.012		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2ScIDrvVel_RadpS_M_f32	12000		
ScaledDriverVel_MtrRadpS_T_f32	3.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.95908308	4.959080803 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.959080803 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	3.0199998	3.02 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	500.011993	500.012 ± 0.00390625	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	385.032
Prev2PreAttnComp_MtrNm_M_f32	-1.7
Prev2SclDrvVel_RadpS_M_f32	-10712.32
ScaledDriverVel_MtrRadpS_T_f32	-7.02
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1648
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3712
t_FDD_AttenTblY_Uls_u8p8[0]	63
_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00945
gt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564
gt_filtCoef_Uls_T_Str.b2_Uls_f32	0.62
tgt filtCoef Uls T Str.a0 Uls f32	1.8453

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GenFddlcCmd

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

Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Resi	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

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ADDCoefCalc

Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX FrgDepDmpnInrtCmp	
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml	
Target Environment	TI TMS 570 PLS UDE (Default)	
Kind of Test	Unit Test	
Linker Options		
Source File(s)		
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\4\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1\scr-1	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include	

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	Name of Tester:Jayesh Jahagirdar Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):30 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrQDepDmpnIntCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	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	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>		
Timer Enabled	false		
Timer Prescale	0		
Timer Resolution	1		
Timer Unit	Cycles		
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg		
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP		



Test Case 1: Boundary Test

Specification

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

CPU Cycles:

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

Description

Test Vector Description

TS1 1 All min

TS1.2 All max

TS1.3 BaseAssistCmd_MtrNm_T_f32 min TS1.4 BaseAssistCmd_MtrNm_T_f32 max TS1.5 BaseAssistCmd_MtrNm_T_f32 zero

TS1.6 BaseAssistCmd_MtrNm_T_f32 pos

TS1.6 BaseAssistCmd_MtrNm_I_T32 pos
TS1.7 BaseAssistCmd_MtrNm_T_f32 neg
TS1.8 WIRCmdAmpBInd_MtrNm_T_f32 min
TS1.9 WIRCmdAmpBInd_MtrNm_T_f32 max
TS1.10 WIRCmdAmpBInd_MtrNm_T_f32 pos
TS1.11 VehicleSpeed1_Kph_T_f32 min
TS1.12 VehicleSpeed1_Kph_T_f32 max
TS1.13 VehicleSpeed1_Kph_T_f32 pos
TS1.14 t_DmpADDCoefX_MtrNm_u4p12[10] min
TS1.15 t_DmpADDCoefX_MtrNm_u4p12[10] min
TS1.16 t_DmpADDCoefX_MtrNm_u4p12[10] max

TS1.15 t_DmpADDCoefX_MtrNm_u4p12[10] max
TS1.16 t_DmpADDCoefX_MtrNm_u4p12[10] pos
TS1.17 t2_FDD_ADDRollingTblYM1_MtrNmpRadpS_um1p17[10] min
TS1.18 t2_FDD_ADDRollingTblYM1_MtrNmpRadpS_um1p17[10] max
TS1.19 t2_FDD_ADDRollingTblYM1_MtrNmpRadpS_um1p17[10] pos
TS1.20 t2_FDD_ADDRollingTblYM2_MtrNmpRadpS_um1p17[10] min
TS1.21 t2_FDD_ADDRollingTblYM2_MtrNmpRadpS_um1p17[10] max
TS1.22 t2_FDD_ADDRollingTblYM2_MtrNmpRadpS_um1p17[10] mos
TS1.23 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[10] min
TS1.24 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[10] max
TS1.25 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[10] pos
TS1.26 t_WIRBINGTblY_MtrNmpRadpS_um1p17[10] pos

TS1.26 TS1.27

TS1.28

L PUD_ADDState 101 "ullnilipadaps_t t_WIRBIndTbIX_MtrNm_u8p8[5] min t_WIRBIndTbIX_MtrNm_u8p8[5] max t_WIRBIndTbIX_MtrNm_u8p8[5] pos t_RIAstWIRBIndTbIY_UIs_u2p14[5] min t_RIAstWIRBIndTbIY_UIs_u2p14[5] max t_RIAstWIRBIndTbIY_UIs_u2p14[5] pos TS1.29 TS1.30

TS1.31

TS1.32 TS1 33

TS1.34

TS1.35

t_CmnVehSpd_Kph_u9p7[12] min t_CmnVehSpd_Kph_u9p7[12] max t_CmnVehSpd_Kph_u9p7[12] pos t_FDD_BlendTblY_Uls_u8p8[12] min t_FDD_BlendTblY_Uls_u8p8[12] max t_FDD_BlendTblY_Uls_u8p8[12] pos TS1 36

Test Step 1.1 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-8.8	
VehicleSpeed_Kph_T_f32	0	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	0	

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ADDCoefCalc

Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0		
t2_FDD_ADDRollingTbIYM_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] 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] 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] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	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_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0	0 ± 0.000009	



Test Step Call Trace				V
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
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 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	6554 6554
	256
t_FDD_BlendTblY_Uls_u8p8[0]	
t_FDD_BlendTblY_Uls_u8p8[1]	256
t_FDD_BlendTblY_Uls_u8p8[2]	256 256
t_FDD_BlendTblY_Uls_u8p8[3]	256
t_FDD_BlendTblY_Uls_u8p8[4] t_FDD_BlendTblY_Uls_u8p8[5]	256
נוסעסווו וווו חוס מסוון ווווווווווווווווווווווווווווווו	230
	256
t_FDD_BlendTblY_Uls_u8p8[6] t_FDD_BlendTblY_Uls_u8p8[7]	256 256

ADDCoefCalc

ADDCoefCalc()

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0.050003052 ± 0.00000009

	1		
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Result

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.0500030518

Test Step 1.3 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.8
VehicleSpeed_Kph_T_f32	12.32
WIRCmdAmpBind_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

@ Report created by TESSY V3.1.13, report template V2.1

ADDCoefCalc

t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

2015-10-26, 12:07:32+0530



Result

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_BlendTbIY_Uls_u8p8[9]	26
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192
t_WIRBIndTblX_MtrNm_u8p8[0]	282
t_WIRBIndTblX_MtrNm_u8p8[1]	307
t_WIRBIndTbIX_MtrNm_u8p8[2]	333

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Actual Value

0.0369348824

Expected Value

0.036934882 ± 0.00000009

358

384

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



ADD	Coef	Calc

7.2200.00.0		•	
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t DmpADDCoefX MtrNm u4p12[2]	9421		
t DmpADDCoefX MtrNm u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTbIY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.013426058	0.013426058 ± 0.00000009	•

Test	t Step Call Trace				✓
Actu	al Function	Count	Expected Function	Count	Result
IntplV	arXY 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

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ADDCoefCalc

2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(13) 194 2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(15) 194 2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(17) 196 2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(17) 197 2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(18) 1985 2.E.D.D. ADRORATION TAWN MinkingsRess, unit p17(19) 1986 2.E.D.D. ADRORATION MinkingsRess, unit p17(19) 6784 C.Drivivisias (Mp. July P1) 6012 C.Drivivisias (Mp. July P1) 7190 C.Drivivisias (Mp. July P1) 7190 C.Drivivisias (Mp. July P1) 7190 C.Drivivisias (Mp. July P1) 7290 C.Drivivisias (Mp. July P1) 7296	Name	Input Value		
2_FDQ_DROBINITION ThirmingRates _unit 17(1) 4 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 1244 124		•		
21 FOD ADDROING TOWN MANISPRASES, unit p717[19] 1954 22 FOD ADDROING TOWN MANISPRASES, unit p717[19] 1476 22 FOD ADDROING TOWN MANISPRASES, unit p717[19] 1695 22 FOD ADDROING TOWN MANISPRASES, unit p717[19] 1695 22 FOD ADDROING TOWN MANISPRASES, unit p717[19] 6912 1 Comministry Manisprases, unit p717[19] 6912 1 Comministry Manisprases, unit p717[19] 7404 1 Comministry Manisprases, unit p717[19] 7404 1 Comministry Manisprases, unit p717[1] 7404 1 Comministry Manisprases, unit p717[1] 7424 1 Comministry Manisprases, unit p717[1] 7424 1 Comministry Manisprases, unit p717[1] 7502 1 Comministry Manisprases, unit p717[1] 7603 1 Comministry Manisprases, unit p717[1] 8102 1 Comministry Manisprases, unit p718[1] 1930 1 Comministry Manisprases, unit p718[1] 1930 1 Comministry Manisp		1144		
IZ. EDD. AD/ORDINITORIAN J. Intrinsica Sci. unit 171(1) 1948 Z. FOD. AD/ORDINITORIAN J. Intrinsica Sci. unit 171(1) 1958 Z. FOD. AD/ORDINITORIAN J. Intrinsica Sci. unit 171(1) 1966 L. Comwissol, Ken. useryli 674 L. Comwissol, Ken. useryli 674 L. Comwissol, Ken. useryli 769 L. Comwissol, Ken. useryli 760 L. Comwissol, Ken. useryli 726 L. Comwissol, Ken. useryli 728 L. Comwissol, Ken. useryli 738 L.		1254		
2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1985 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8 1977 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8 1977 2.FDD_ADDRCaling/Thirk Minimplea		1364		
2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1985 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8] 1976 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8 1977 2.FDD_ADDRCaling/Thirk Minimpleags_unip17[1]8 1977 2.FDD_ADDRCaling/Thirk Minimplea		1475		
IZ_EDD_ADDRainyThVM_MininyPlacks_unit p17(1)89 696 LCmweispel_Kni_mp701 6912 LCmweispel_Kni_mp702 7940 LCmweispel_Kni_mp703 718 LCmweispel_Kni_mp703 726 LCmweispel_Kni_mp703 726 LCmweispel_Kni_mp703 726 LCmweispel_Kni_mp703 752 LCmweispel_Kni_mp703 752 LCmweispel_Kni_mp703 788 LCmweispel_Kni_mp704 808 LCmweispel_Kni_mp704 8192 LpmpADDCeck_Mnim_up41201 1819 LpmpADDCeck_Mnim_up41201 1819 LpmpADDCeck_Mnim_up41201 1836 LpmpADDCeck_Mnim_up41201 1839 LpmpADDCeck_Mnim_up41201 1839 LpmpADDCeck_Mnim_up41201 1839 LpmpADDCeck_Mn		1585		
Commission_Line_Neg_PT		1695		
LCMMVRSpd_Xpt_u69721 7940 LCMMVRSpd_Xpt_u69731 7940 LCMMVRSpd_Xpt_u69731 706 LCMMVRSpd_Xpt_u69731 726 LCMMVRSpd_Xpt_u69731 826 LCMMVRSpd_Xpt_u6973				
Comvision_Comp. Light	t_CmnVehSpd_Kph_u9p7[1]	6912		
Comwisted Kin Listing 7296	t_CmnVehSpd_Kph_u9p7[2]	7040		
Comwiesped_Ken_usprig	t_CmnVehSpd_Kph_u9p7[3]	7168		
Comwiessed_Ken_uspr71	t_CmnVehSpd_Kph_u9p7[4]	7296		
Comveisped_Kept_uspt78	t_CmnVehSpd_Kph_u9p7[5]	7424		
Comvelence Lin Lug-178	t_CmnVehSpd_Kph_u9p7[6]	7552		
Comvieshor, Kin, Japa710	t_CmnVehSpd_Kph_u9p7[7]	7680		
Comvehspot_Kop_usp7[10] 8064	t_CmnVehSpd_Kph_u9p7[8]	7808		
LompADDCoetX, Minhm_ush12[1] 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 12888 128888 128888 12888 128888 128888 128888 128888 128888	t_CmnVehSpd_Kph_u9p7[9]	7936		
DempADDCoePK_Mirkm_uspi2(0) 12698	t_CmnVehSpd_Kph_u9p7[10]	8064		
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t_FDD_BlendTblY_Uls_u8p8[9] 33 t_FDD_BlendTblY_Uls_u8p8[10] 36 t_FDD_BlendTblY_Uls_u8p8[11] 38 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTblY_Uls_u2p14[4] 11469 t_WIRBIndTblY_Uls_u2p14[4] 11469 t_WIRBIndTblX_MtrNm_u8p8[0] 794 t_WIRBIndTblX_MtrNm_u8p8[1] 819 t_WIRBIndTblX_MtrNm_u8p8[2] 845 t_WIRBIndTblX_MtrNm_u8p8[3] 870 t_WIRBIndTblX_MtrNm_u8p8[4] 896	t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[10] 36 t_FDD_BlendTblY_Uls_u8p8[11] 38 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTblY_Uls_u2p14[4] 11469 t_WIRBIndTblX_MtrNm_u8p8[0] 794 t_WIRBIndTblX_MtrNm_u8p8[1] 819 t_WIRBIndTblX_MtrNm_u8p8[2] 845 t_WIRBIndTblX_MtrNm_u8p8[3] 870 t_WIRBIndTblX_MtrNm_u8p8[4] 896	t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u2p8[11] 38 t_RIAstWIRBIndTblY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[2] 8192 t_RIAstWIRBIndTblY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTblY_Uls_u2p14[4] 11469 t_WIRBIndTblY_Uls_u2p14[4] 11469 t_WIRBIndTblX_MtrNm_u8p8[0] 794 t_WIRBIndTblX_MtrNm_u8p8[1] 819 t_WIRBIndTblX_MtrNm_u8p8[2] 845 t_WIRBIndTblX_MtrNm_u8p8[3] 870 t_WIRBIndTblX_MtrNm_u8p8[4] 896	t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_RIAstWIRBIndTbIY_UIs_u2p14[0] 4915 t_RIAstWIRBIndTbIY_UIs_u2p14[1] 6554 t_RIAstWIRBIndTbIY_UIs_u2p14[2] 8192 t_RIAstWIRBIndTbIY_UIs_u2p14[3] 9830 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 11469 t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896				
t_RIAstWIRBIndTbIY_Uls_u2p14[1] 6554 t_RIAstWIRBIndTbIY_Uls_u2p14[2] 8192 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTbIY_Uls_u2p14[4] 11469 t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896				
t_RIAstWIRBIndTbIY_UIs_u2p14[2] 8192 t_RIAstWIRBIndTbIY_UIs_u2p14[3] 9830 t_RIAstWIRBIndTbIY_UIs_u2p14[4] 11469 t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896	t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915		
t_RIAstWIRBindTbIY_UIs_u2p14[3] 9830 t_RIAstWIRBindTbIY_UIs_u2p14[4] 11469 t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896				
t_RIAstWIRBIndTbIY_UIs_u2p14[4] 11469 t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896				
t_WIRBIndTbIX_MtrNm_u8p8[0] 794 t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896				
t_WIRBIndTbIX_MtrNm_u8p8[1] 819 t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896	t_RIAstWIRBIndTbIY_UIs_u2p14[4]			
t_WIRBIndTbIX_MtrNm_u8p8[2] 845 t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896	t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[3] 870 t_WIRBIndTbIX_MtrNm_u8p8[4] 896	t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[4] 896	t_WIRBIndTbIX_MtrNm_u8p8[2]			
	t_WIRBIndTbIX_MtrNm_u8p8[3]			
Name Actual Value Expected Value Res	t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Actual Value Expected Value 1000	Name	Actual Value	Expected Value	Result
ADDCoefCalc() 0.00668188976 0.00668189 ± 0.000000009	ADDCoefCalc()	0.00668188976	0.00668189 ± 0.000000009	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~





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





Name	Input Value		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
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

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ADDCoefCalc

Name Input Value t_FDD_BlendTbIY_UIs_u8p8[0] 15 t_FDD_BlendTbIY_UIs_u8p8[1] 18 t_FDD_BlendTbIY_UIs_u8p8[2] 20 t_FDD_BlendTbIY_UIs_u8p8[3] 23	
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[2] 20 t_FDD_BlendTblY_Uls_u8p8[3] 23	
t_FDD_BlendTblY_Uls_u8p8[3] 23	
t_FDD_BlendTblY_Uls_u8p8[4] 26	
t_FDD_BlendTblY_Uls_u8p8[5] 28	
t_FDD_BlendTblY_Uls_u8p8[6] 31	
t_FDD_BlendTblY_Uls_u8p8[7] 33	
t_FDD_BlendTblY_Uls_u8p8[8] 36	
t_FDD_BlendTblY_Uls_u8p8[9] 38	
t_FDD_BlendTblY_Uls_u8p8[10] 41	
t_FDD_BlendTblY_Uls_u8p8[11] 44	
t_RIAstWIRBIndTbIY_Uls_u2p14[0] 8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[1] 9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[2] 11469	
t_RIAstWIRBIndTbIY_Uls_u2p14[3] 13107	
t_RIAstWIRBIndTbIY_Uls_u2p14[4] 14746	
t_WIRBIndTblX_MtrNm_u8p8[0] 1306	
t_WIRBIndTblX_MtrNm_u8p8[1] 1331	
t_WIRBIndTblX_MtrNm_u8p8[2] 1357	
t_WIRBIndTblX_MtrNm_u8p8[3] 1382	
t_WIRBIndTblX_MtrNm_u8p8[4] 1408	
Name Actual Value Expected Value Re	esult
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	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_ADDRollingTbIYM_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	

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ADDCoefCalc	2013-10-20, 12.01.32+0330	Razonat
Name	Input Value	
t_DmpADDCoefX_MtrNm_u4p12[4]	26624	
t_DmpADDCoefX_MtrNm_u4p12[5]	27034	
t_DmpADDCoefX_MtrNm_u4p12[6]	27443	
t_DmpADDCoefX_MtrNm_u4p12[7]	27853	
t_DmpADDCoefX_MtrNm_u4p12[8]	28262	
t DmpADDCoefX MtrNm u4p12[9]	28672	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	1427	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1655	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2112	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2568	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2796	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3024	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480	
t_FDD_BlendTblY_Uls_u8p8[0]	18	
t_FDD_BlendTblY_Uls_u8p8[1]	20	
t_FDD_BlendTblY_Uls_u8p8[2]	23	
t_FDD_BlendTblY_Uls_u8p8[3]	26	
t_FDD_BlendTblY_Uls_u8p8[4]	28	
t_FDD_BlendTblY_Uls_u8p8[5]	31	
t_FDD_BlendTblY_Uls_u8p8[6]	33	
t FDD BlendTblY Uls u8p8[7]	36	
t_FDD_BlendTblY_Uls_u8p8[8]	38	
t_FDD_BlendTblY_Uls_u8p8[9]	41	
t_FDD_BlendTblY_Uls_u8p8[10]	44	
t_FDD_BlendTblY_Uls_u8p8[11]	46	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915	
t_RIAstWIRBIndTblY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTblY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562	
t_WIRBIndTblX_MtrNm_u8p8[1]	1587	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	_

0.0107031446

Expected Value

0.010703144 ± 0.00000009

1638

1664 Actual Value

Test Step 1.9 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.2
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBInd_MtrNm_T_f32	8.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTbIYM_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_WIRBIndTbIX_MtrNm_u8p8[3]

t_WIRBIndTbIX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

Result



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		
	2455		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	2878		
	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	5419		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	20		
t_FDD_BlendTblY_Uls_u8p8[0]			
t_FDD_BlendTblY_Uls_u8p8[1]	23 26		
t_FDD_BlendTblY_Uls_u8p8[2]			
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_MtrNm_u8p8[2]	1818		
t_WIRBIndTblX_MtrNm_u8p8[3]	1843		
t_WIRBIndTblX_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
WIRCmdAmpBInd_MtrNm_T_f32	4.25
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

ADDCoefCalc

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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 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]$ 2032 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2455 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]$ 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 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]$ 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 $t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]$ 5419 t_CmnVehSpd_Kph_u9p7[0] 10368 t CmnVehSpd Kph u9p7[1] 10496 $t_CmnVehSpd_Kph_u9p7[2]$ 10624 10752 t CmnVehSpd Kph u9p7[3] t_CmnVehSpd_Kph_u9p7[4] 10880 t_CmnVehSpd_Kph_u9p7[5] 11008 t_CmnVehSpd_Kph_u9p7[6] 11136 t_CmnVehSpd_Kph_u9p7[7] 11264 t_CmnVehSpd_Kph_u9p7[8] 11392 11520 t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] 11648 t_CmnVehSpd_Kph_u9p7[11] 11776 t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 25805 t DmpADDCoefX MtrNm u4p12[2] t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t DmpADDCoefX MtrNm u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 27443 t_DmpADDCoefX_MtrNm_u4p12[6] 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_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 4856 t_FDD_BlendTblY_Uls_u8p8[0] 49 t_FDD_BlendTblY_Uls_u8p8[1] 51 t_FDD_BlendTblY_Uls_u8p8[2] 54 t_FDD_BlendTblY_Uls_u8p8[3] 57 t_FDD_BlendTblY_Uls_u8p8[4] 60 t_FDD_BlendTblY_Uls_u8p8[5] 63 t_FDD_BlendTblY_Uls_u8p8[6] 66 t_FDD_BlendTblY_Uls_u8p8[7] 68 t_FDD_BlendTblY_Uls_u8p8[8] 71 t_FDD_BlendTblY_Uls_u8p8[9] 74 t_FDD_BlendTblY_Uls_u8p8[10] 77 t_FDD_BlendTblY_Uls_u8p8[11] 80 t_RIAstWIRBIndTbIY_Uls_u2p14[0] 4915 t_RIAstWIRBIndTblY_Uls_u2p14[1] 6554 $t_RIAstWIRBIndTbIY_Uls_u2p14[2]$ 8192 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 9830 t_RIAstWIRBIndTblY_Uls_u2p14[4] 11469 t WIRBIndTbIX MtrNm u8p8[0] 410 t_WIRBIndTbIX_MtrNm_u8p8[1] 435 t WIRBIndTbIX MtrNm u8p8[2] 461 t_WIRBIndTbIX_MtrNm_u8p8[3] 486 t_WIRBIndTbIX_MtrNm_u8p8[4] 512 Name **Actual Value Expected Value** Result ADDCoefCalc() 0.013087993 ± 0.00000009 0.0130879935

ADDCoefCalc



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
IntnlVarXY u16 u16Xu16Y Cnt	5	IntolVarXY u16 u16Xu16Y Cnt	5	

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





Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417164806	0.004171648 + 0.000000009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Took Ston 4.42 /Powert Count - 4\	
Test Step 1.12 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBInd_MtrNm_T_f32	1.2
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTbIYM_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

ADDCoefCalc



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_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_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
WIRCmdAmpBind_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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTbIYM_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





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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_BlendTbIY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Resul
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	•

Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.7	
VehicleSpeed_Kph_T_f32	108	
WIRCmdAmpBInd_MtrNm_T_f32	1.4	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494	

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ADDCoefCalc

Nama	Innut Value		
Name 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	Input Value 661		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326		
t2_FDD_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 1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1364		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTbIY_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_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t RIAstWIRBIndTbIY UIs u2p14[4]	9830		
	3030		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	1434 1459		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	1434 1459 1485		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	1434 1459 1485 1510	Expected Value	Result

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





Name	Input Value		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
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	
WIRCmdAmpBInd_MtrNm_T_f32	1.6	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364	
t2 FDD ADDRollingTbIYM 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	

ADDCoefCalc

ADDCoefCalc()

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0.002365402 ± 0.000000009

Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.00236540218

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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734

ADDCoefCalc

ADDCoefCalc()

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Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	6144		
t_DmpADDCoefX_MtrNm_u4p12[5]	6554		
t_DmpADDCoefX_MtrNm_u4p12[6]	6963		
t_DmpADDCoefX_MtrNm_u4p12[7]	7373		
t_DmpADDCoefX_MtrNm_u4p12[8]	7782		
t_DmpADDCoefX_MtrNm_u4p12[9]	8192		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774		
t_FDD_BlendTblY_Uls_u8p8[0]	3		
t_FDD_BlendTblY_Uls_u8p8[1]	5		
t_FDD_BlendTblY_Uls_u8p8[2]	8		
t_FDD_BlendTblY_Uls_u8p8[3]	10		
t_FDD_BlendTblY_Uls_u8p8[4]	13		
t_FDD_BlendTblY_Uls_u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTblY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Result

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	_

0.0327785164

0.032778516 ± 0.00000009

Test Step 1.18 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.12
WIRCmdAmpBInd_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

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t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Resul

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

ADDCoefCalc



712200010010		(10-10
Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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_ADDRollingTbIYM_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 2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 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		
	10		
t_FDD_BlendTblY_Uls_u8p8[0] t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uis_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_Uis_u8p8[11]	38		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBINdTblX_MtrNm_u8p8[0]	1434		
t_WIRBINdTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBINdTblX_MtrNm_u8p8[3]	1510		
t_WIRBINdTblX_MtrNm_u8p8[4]	1536		
Name		Expected Value	Dogul
	Actual Value 0.00480917655	Expected Value	Result
ADDCoefCalc()	0.00400917000	0.004809176 ± 0.000000009	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~

Test Step 1.20 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3
VehicleSpeed_Kph_T_f32	180.21
WIRCmdAmpBInd_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_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 10752
t_CmnVehSpd_Kph_u9p7[3]	1080
t_CmnVehSpd_Kph_u9p7[4] t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_DmpADDCoefX_MtrNm_u4p12[0]	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 18
t_FDD_BlendTblY_Uls_u8p8[2] 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

ADDCoefCalc()

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0.00464859 ± 0.000000009

ADDCoefCalc		7	azorcat "
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	36		
t_FDD_BlendTblY_Uls_u8p8[10]	38		
t_FDD_BlendTblY_Uls_u8p8[11]	41		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Result

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.00464858953

- 101 101 10 10 10	
Test Step 1.21 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-4
VehicleSpeed_Kph_T_f32	192
WIRCmdAmpBInd_MtrNm_T_f32	2.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t_DmpADDCoefX_MtrNm_u4p12[3]	22118
t_DmpADDCoefX_MtrNm_u4p12[4]	22528
t_DmpADDCoefX_MtrNm_u4p12[5]	22938
t_DmpADDCoefX_MtrNm_u4p12[6]	23347
t_DmpADDCoefX_MtrNm_u4p12[7]	23757
t_DmpADDCoefX_MtrNm_u4p12[8]	24166
t DmpADDCoefX MtrNm u4p12[9]	24576
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
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ADDCoefCalc



Name	Input Value		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1188		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTbIY_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_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
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
WIRCmdAmpBInd_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTbIYM_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

ADDCoefCalc

Name

ADDCoefCalc()

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Abbootioaic	
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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_BlendTblY_Uls_u8p8[0]	18
t_FDD_BlendTblY_Uls_u8p8[1]	20
t_FDD_BlendTblY_Uls_u8p8[2]	23
t_FDD_BlendTblY_Uls_u8p8[3]	26
t_FDD_BlendTblY_Uls_u8p8[4]	28
t_FDD_BlendTblY_Uls_u8p8[5]	31
t_FDD_BlendTblY_Uls_u8p8[6]	33
t_FDD_BlendTblY_Uls_u8p8[7]	36
t_FDD_BlendTblY_Uls_u8p8[8]	38
t_FDD_BlendTblY_Uls_u8p8[9]	41
t_FDD_BlendTblY_Uls_u8p8[10]	44
t_FDD_BlendTblY_Uls_u8p8[11]	46
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746
t_WIRBIndTblX_MtrNm_u8p8[0]	1178
t_WIRBIndTblX_MtrNm_u8p8[1]	1203
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229 1254
t_WIRBIndTbIX_MtrNm_u8p8[3]	1280
t_WIRBIndTbIX_MtrNm_u8p8[4]	1200

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	_

Actual Value

0.00246831775

Expected Value

0.002468318 ± 0.000000009

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	

Result

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099		
t2_FDD_ADDRollingTbIYM_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 29901		
t_DmpADDCoefX_MtrNm_u4p12[4]	30310		
t_DmpADDCoefX_MtrNm_u4p12[5] 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		
+ EDD BlandThIV I lie u8n8[11]			
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]			
t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1]	49 1638 3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2]	49 1638 3277 4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3]	49 1638 3277 4915 6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4]	49 1638 3277 4915 6554 8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3]	49 1638 3277 4915 6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	49 1638 3277 4915 6554 8192 1434 1459		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	49 1638 3277 4915 6554 8192 1434 1459		
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2] t_RIAstWIRBIndTbIY_UIs_u2p14[3] t_RIAstWIRBIndTbIY_UIs_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	49 1638 3277 4915 6554 8192 1434 1459 1485		
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2] t_RIAstWIRBIndTbIY_UIs_u2p14[3] t_RIAstWIRBIndTbIY_UIs_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	49 1638 3277 4915 6554 8192 1434 1459 1485 1510 1536		
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2] t_RIAstWIRBIndTbIY_UIs_u2p14[3] t_RIAstWIRBIndTbIY_UIs_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	49 1638 3277 4915 6554 8192 1434 1459 1485	Expected Value 0.001001636 ± 0.00000009	Result

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] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1288 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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144 1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 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 11520
t_CmnVehSpd_Kph_u9p7[7] 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] t DmpADDCoefX_MtrNm_u4p12[5]	6144
t_DmpADDCoefX_MtrNm_u4p12[6]	6554 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 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	49
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTbIY_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] t_FDD_BlendTblY_Uls_u8p8[9]	71 74
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
	3277
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277 4915
t_RIAstWIRBIndTblY_Uls_u2p14[0]	





Name	Input Value		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0386052094	0.03860521 ± 0.00000009	~

Test Step Call Trace				V
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
WIRCmdAmpBInd_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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1389
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	1490
t2_FDD_ADDRollingTbIYM_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[0]	683
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[1]	1024
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409
CT DD_VDDQ(q((CLD)) Tivi((All)) Landa Till (All)	VTUU

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Name	Input Value		
t FDD BlendTblY Uls u8p8[0]	65		
t_FDD_BlendTblY_Uls_u8p8[1]	68		
t FDD BlendTblY Uls u8p8[2]	70		
t_FDD_BlendTblY_Uls_u8p8[3]	73		
t FDD BlendTblY Uls u8p8[4]	75		
t_FDD_BlendTblY_Uls_u8p8[5]	78		
t_FDD_BlendTblY_Uls_u8p8[6]	80		
t_FDD_BlendTblY_Uls_u8p8[7]	83		
t_FDD_BlendTblY_Uls_u8p8[8]	86		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
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	

ADDCoefCalc



Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	93		
t_FDD_BlendTblY_Uls_u8p8[1]	96		
t_FDD_BlendTblY_Uls_u8p8[2]	99		
t_FDD_BlendTblY_Uls_u8p8[3]	101		
t_FDD_BlendTblY_Uls_u8p8[4]	104		
t_FDD_BlendTblY_Uls_u8p8[5]	106		
t_FDD_BlendTblY_Uls_u8p8[6]	109		
t_FDD_BlendTblY_Uls_u8p8[7]	111		
t_FDD_BlendTblY_Uls_u8p8[8]	114		
t_FDD_BlendTblY_Uls_u8p8[9]	116		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Result
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
WIRCmdAmpBInd_MtrNm_T_f32	2.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774

ADDCoefCalc

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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t CmnVehSpd Kph u9p7[9]	14080		
t CmnVehSpd Kph u9p7[10]	15360		
t CmnVehSpd Kph u9p7[11]	16640		
t 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_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0117070675	0.011707067 + 0.00000000	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	~

0.0117070675

Test Step 1.28 (Repeat Count = 1)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	5	
VehicleSpeed_Kph_T_f32	276.14	
WIRCmdAmpBInd_MtrNm_T_f32	2.8	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878	

ADDCoefCalc()

0.011707067 ± 0.00000009

ADDCoefCalc

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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 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]$ 1655 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1884 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]$ 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 $t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]$ 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 13184 t CmnVehSpd Kph u9p7[3] 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 13952 t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10] 14080 t_CmnVehSpd_Kph_u9p7[11] 14208 t_DmpADDCoefX_MtrNm_u4p12[0] 20890 t_DmpADDCoefX_MtrNm_u4p12[1] 21299 21709 t DmpADDCoefX MtrNm u4p12[2] 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_ADDStaticTbIY_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 4995 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] t_FDD_ADDStaticTbIY_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_RIAstWIRBIndTbIY_Uls_u2p14[0] 6554 t_RIAstWIRBIndTblY_Uls_u2p14[1] 8192 $t_RIAstWIRBIndTbIY_Uls_u2p14[2]$ 9830 t_RIAstWIRBIndTbIY_Uls_u2p14[3] 11469 t_RIAstWIRBIndTblY_Uls_u2p14[4] 13107 t WIRBIndTbIX MtrNm u8p8[0] 1178 t_WIRBIndTbIX_MtrNm_u8p8[1] 1203 t WIRBIndTbIX MtrNm u8p8[2] 1229 t_WIRBIndTbIX_MtrNm_u8p8[3] 1254 t_WIRBIndTbIX_MtrNm_u8p8[4] 1280 Name **Actual Value Expected Value** Result

0.0118969213

ADDCoefCalc()

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	
WIRCmdAmpBInd_MtrNm_T_f32	2.9	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3302	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	4148	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419	
t_CmnVehSpd_Kph_u9p7[0]	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	
_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	
r_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
	4856	
	172	
	174	
EFDD_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	

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Name	Input Value			
t_FDD_BlendTblY_Uls_u8p8[9]	191			
t_FDD_BlendTblY_Uls_u8p8[10]	193			
t_FDD_BlendTblY_Uls_u8p8[11]	195			
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0			
t_RIAstWIRBindTbIY_Uls_u2p14[1]	0			
t_RIAstWIRBindTbIY_Uls_u2p14[2]	0			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	0			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0			
t_WIRBIndTbIX_MtrNm_u8p8[0]	282			
t_WIRBIndTbIX_MtrNm_u8p8[1]	307			
t_WIRBIndTbIX_MtrNm_u8p8[2]	333	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358	358		
t_WIRBIndTbIX_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	~

T+ 04 4 00 /P+ 0+ - 4\	
Test Step 1.30 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	7
VehicleSpeed_Kph_T_f32	300.25
WIRCmdAmpBind_MtrNm_T_f32	3.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_DmpADDCoefX_MtrNm_u4p12[0]	28262
t_DmpADDCoefX_MtrNm_u4p12[1]	28672
t_DmpADDCoefX_MtrNm_u4p12[2]	29082
t_DmpADDCoefX_MtrNm_u4p12[3]	29491
t_DmpADDCoefX_MtrNm_u4p12[4]	29901
t_DmpADDCoefX_MtrNm_u4p12[5]	30310
t_DmpADDCoefX_MtrNm_u4p12[6]	30720
t_DmpADDCoefX_MtrNm_u4p12[7]	31130
t_DmpADDCoefX_MtrNm_u4p12[8]	31539
t DmpADDCoefX MtrNm u4p12[9]	31949
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	494

ADDCoefCalc

ADDCoefCalc()

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0.015552461 ± 0.00000009

Name	Input Value		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[3]	661		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[4]	827		
	994		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]			
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_RIAstWIRBIndTblY_Uls_u2p14[0]	16384		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	16384		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	16384		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	16384		
t RIAstWIRBIndTbIY UIs u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t WIRBIndTbIX MtrNm u8p8[1]	563		
t WIRBIndTbIX MtrNm u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t WIRBIndTbiX MtrNm u8p8[4]	640		
Name	Actual Value	Expected Value	Result

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

0.0155524611

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 ADDRollingTbIYM MtrNmpRadpS um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTbIYM_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

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ADDCOCICAIC			_
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpADDCoefX_MtrNm_u4p12[0]	4506		
t_DmpADDCoefX_MtrNm_u4p12[1]	4915		
t_DmpADDCoefX_MtrNm_u4p12[2]	5325		
t_DmpADDCoefX_MtrNm_u4p12[3]	5734		
t_DmpADDCoefX_MtrNm_u4p12[4]	6144		
t_DmpADDCoefX_MtrNm_u4p12[5]	6554		
t_DmpADDCoefX_MtrNm_u4p12[6]	6963		
t_DmpADDCoefX_MtrNm_u4p12[7]	7373		
t_DmpADDCoefX_MtrNm_u4p12[8]	7782		
t_DmpADDCoefX_MtrNm_u4p12[9]	8192		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	3409		
t FDD BlendTblY Uls u8p8[0]	15		
t FDD BlendTblY Uls u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t FDD BlendTblY Uls u8p8[4]	26		
t FDD BlendTblY Uls u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t FDD BlendTblY Uls u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0253202002	0.0253202 ± 0.00000009	rtoouit
	0.0200202002	0.0200202 1 0.00000000	

Tes	st Step Call Trace				•	,
Act	ual Function	Count	Expected Function	Count	Resul	t
Intpl	VarXY 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
WIRCmdAmpBInd_MtrNm_T_f32	3.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046		
t2_FDD_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_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTblX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
	1152		
L WIRDING DIA WILINII UODOI41			
t_WIRBIndTbiX_MtrNm_u8p8[4] Name	Actual Value	Expected Value	Result

Test Step Call Trace	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
WIRCmdAmpBInd_MtrNm_T_f32	3.3
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1144 1254
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3614 4129
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640 32640
t_CmnVehSpd_Kph_u9p7[8] 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] t_DmpADDCoefX_MtrNm_u4p12[7]	15155 15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t DmpADDCoefX MtrNm u4p12[9]	16384
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1493 1659
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10] t_FDD_BlendTblY_Uls_u8p8[11]	193 195
	3277
t RIAstWIRBIndTblY Uls u2p14[0]	
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915
	4915 6554





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

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
WIRCmdAmpBInd_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_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554	
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664	
Name	Actual Value Expected Value	Result
ADDCoefCalc()	0.00614841701 0.006148417 ± 0.0	00000009

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

Test Step 1.35 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.7	
VehicleSpeed_Kph_T_f32	360	
WIRCmdAmpBInd_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	

ADDCoefCalc



Name	Input Value	
t_DmpADDCoefX_MtrNm_u4p12[4]	22528	
t_DmpADDCoefX_MtrNm_u4p12[5]	22938	
t_DmpADDCoefX_MtrNm_u4p12[6]	23347	
t_DmpADDCoefX_MtrNm_u4p12[7]	23757	
t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_BlendTblY_Uls_u8p8[0]	0	
t_FDD_BlendTblY_Uls_u8p8[1]	0	
t_FDD_BlendTblY_Uls_u8p8[2]	0	
t_FDD_BlendTblY_Uls_u8p8[3]	0	
t_FDD_BlendTblY_Uls_u8p8[4]	0	
t_FDD_BlendTblY_Uls_u8p8[5]	0	
t_FDD_BlendTblY_Uls_u8p8[6]	0	
t_FDD_BlendTblY_Uls_u8p8[7]	0	
t_FDD_BlendTblY_Uls_u8p8[8]	0	
t_FDD_BlendTblY_Uls_u8p8[9]	0	
t_FDD_BlendTblY_Uls_u8p8[10]	0	
t_FDD_BlendTblY_Uls_u8p8[11]	0	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869	
Name	Actual Value Expected Value	e Result
ADDCoefCalc()	0.00399017334 0.003990173 ± 0.0	000000009

Test Step Call Trace		V		
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
WIRCmdAmpBInd_MtrNm_T_f32	3.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

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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 RIAstWIRBIndTbIY UIs u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTblX_MtrNm_u8p8[0]	410		
t WIRBIndTbIX MtrNm u8p8[1]	435		
t_WiRBindTbiX_MtrNm_u8p8[2]	461		
t_WIRBINdTblX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
		Evnosted Value	Daguil
Name ADDCoefCalc()	Actual Value 0.00827023014	Expected Value 0.00827023 ± 0.000000009	Resul

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)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9	
VehicleSpeed_Kph_T_f32	384.25	
WIRCmdAmpBInd_MtrNm_T_f32	3.7	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	





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		
	12800		
t_CmnVehSpd_Kph_u9p7[0]			
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_ADDStaticTbIY_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_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RiAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTblX_MtrNm_u8p8[4]	768		
		Expected Value	Paged
Name ADDCoefCalc()	Actual Value	Expected Value	Resul
	0.00845662132	0.008456621 ± 0.000000009	· · · · · ·

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Razorcat

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

2015-10-26, 12:16:00+0530



FilterCoefCalc

Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	$\label{lem:projection} $$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c$
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_ON -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp\\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'	Name of Tester:Jayesh Jahagirdar Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):30 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrQDepDmpnIntCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	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	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>		
Timer Enabled	false		
Timer Prescale	0		
Timer Resolution	1		
Timer Unit	Cycles		
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg		
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP		



Test Case 1: Boundary Test

Specification

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

CPU Cycles: 1239.00 Cycles 1283.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1251.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 TS1.7 1251.00 Cycles 1285.00 Cycles 1274.00 Cycles 1239.00 Cycles 1250.00 Cycles 1663.00 Cycles 1272.00 Cycles 1239.00 Cycles 1652.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 1272.00 Cycles 1274.00 Cycles 1274.00 Cycles 1274.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23

1274.00 Cycles
1274.00 Cycles
1274.00 Cycles
1274.00 Cycles
1285.00 Cycles
1274.00 Cycles
1274.00 Cycles
1285.00 Cycles
1274.00 Cycles
1274.00 Cycles
1274.00 Cycles
1274.00 Cycles
1274.00 Cycles TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31

Description

Test Vector Description

TS1.33

TS1.1 All min TS1.2 All max TS1.3 ADDCoef_MtrNmSpRad_T_f32 min IS1.3 ADDCoef_MtrNmSpRad_I_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 WIRCmdAmpBInd1_MtrNm_T_f32 min
TS1.10 WIRCmdAmpBInd1_MtrNm_T_f32 max
TS1.11 WIRCmdAmpBInd1_MtrNm_T_f32 pos
TS1.12 t_CmnVehSpd_Kph_u9p7[12] min
TS1.13 t_CmnVehSpd_Kph_u9p7[12] max t CmnVehSpd Kph u9p7[12] min
t_CmnVehSpd_Kph u9p7[12] max
t CmnVehSpd_Kph u9p7[12] pos
t2_FDD_FreqTblYM1_Hz_u12p4[12] min
t2_FDD_FreqTblYM1_Hz_u12p4[12] min
t2_FDD_FreqTblYM1_Hz_u12p4[12] max
t2_FDD_FreqTblYM2_Hz_u12p4[12] min
t2_FDD_FreqTblYM2_Hz_u12p4[12] max
t2_FDD_FreqTblYM2_Hz_u12p4[12] max
t2_FDD_FreqTblYM2_Hz_u12p4[12] max
t2_FDD_FreqTblYM2_Hz_u12p4[12] pos
t_WIRBIndTblX_MtrNm_u8p8[5] min
t_WIRBIndTblX_MtrNm_u8p8[5] max
t_WIRBIndTblX_MtrNm_u8p8[5] pos
t_DmpFiltKpWIRBIndY_UIs_u2p14[5] min
t_DmpFiltKpWIRBIndY_UIs_u2p14[5] max
t_DmpFiltKpWIRBIndY_UIs_u2p14[5] min
t_DmpFiltKpWIRBIndY_UIs_u2p14[5] min
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[12] min
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[12] min
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[12] pos
k_InrtCmp_MtrInertia_KgmSq_f32 min TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.18 TS1.20 TS1 21 TS1.22 TS1.23 TS1.24 TS1.25 TS1.26 TS1 27 TS1.28 TS1.29 k_InrtCmp_MtrInertia_KgmSq_f32 min k_InrtCmp_MtrInertia_KgmSq_f32 max k_InrtCmp_MtrInertia_KgmSq_f32 pos TS1.30 TS1.31

k_InrtCmp_MtrInertia_KgmSq_f32 default

Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0
VehicleSpeed_Kph_T_f32	0
WIRCmdAmpBInd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-006
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16

TS1.32 TS1.33

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FilterCoefCalc

Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16		
t2 FDD FreqTblYM Hz u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2 FDD FreqTblYM Hz u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t CmnVehSpd Kph u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value E	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0 0	0 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0 0	0 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0 0	0 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32		3.94989252 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32		7.99968433 ± 0.000009	
tgt filtCoef Uls T Str.a2 Uls f32		1.05042362 ± 0.000009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4	-

Test Step 1.2 (Repeat Count = 1)		✓
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0.0413060002	
VehicleSpeed_Kph_T_f32	511.992188	
WIRCmdAmpBInd_MtrNm_T_f32	8.80000019	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600	

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FilterCoefCalc

Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
_CmnVehSpd_Kph_u9p7[0]	32640		
_CmnVehSpd_Kph_u9p7[1]	32640		
_CmnVehSpd_Kph_u9p7[2]	32640		
_CmnVehSpd_Kph_u9p7[3]	32640		
_CmnVehSpd_Kph_u9p7[4]	32640		
_CmnVehSpd_Kph_u9p7[5]	32640		
_CmnVehSpd_Kph_u9p7[6]	32640		
_CmnVehSpd_Kph_u9p7[7]	32640		
_CmnVehSpd_Kph_u9p7[8]	32640		
_CmnVehSpd_Kph_u9p7[9]	32640		
_CmnVehSpd_Kph_u9p7[10]	32640		
_CmnVehSpd_Kph_u9p7[11]	32640		
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
	2048		
WIRBIndTbIX_MtrNm_u8p8[1]	2048		
WIRBIndTbIX_MtrNm_u8p8[2]	2048		
UIRBIndTblX_MtrNm_u8p8[3]	2048		
	2048		
Name	Actual Value	Expected Value	Resu
gt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.74156213 ± 0.000009	1,500
gt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	
gt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.41111398 ± 0.000009	
gt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588463 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.84172678 ± 0.000009	
	10.6056852	10.6056852 ± 0.00009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4	✓



$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Test Step 1.3 (Repeat Count = 1)			✓
World-Conduction Manch TO 2	Name	Input Value		
WIRCOMARGENI, MINNET, 122 Marcel	ADDCoef_MtrNmSpRad_T_f32	0		
	VehicleSpeed_Kph_T_f32	100.019997		
intringsiyeringizs	WIRCmdAmpBInd_MtrNm_T_f32	2.5		
2 PO Post Tark M. P. 12 STANDING	filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
12_PDD_PORTION_PC_2_VTS_PB[1]	k_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-005		
2.FDD.PrearDMALE_utzpelpits	t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
2_FID_Persitativit_Ne_uriz=pii 03 94	t2_FDD_FreqTblYM_Hz_u12p4[0][1]			
22 FOD FreeTOWN 15 12 12 12 12 12 12 12	t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
2 FOD FreeTOVM 15, u1544 01 12 12 12 12 12 12 12				
Part	t2_FDD_FreqTblYM_Hz_u12p4[0][4]			
R. FOR French Number Let 1940 07 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 12				
RED Perg ThYME 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2				
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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[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[10] 154 t_inrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_inrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_WiRBindTblX_MtrNm_u8p8[0] 282 t_WiRBindTblX_MtrNm_u8p8[1] 307 t_WiRBindTblX_MtrNm_u8p8[1] 333 t_WiRBindTblX_MtrNm_u8p8[2] 333 t_WiRBindTblX_MtrNm_u8p8[2] 358 t_WiRBindTblX_MtrNm_u8p8[3] 368 t_WiRBindTblX_MtrNm_u8p8[4] 384 Name				
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3] 51 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[4] 64 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[5] 77 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[6] 90 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[7] 102 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] 115 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] 128 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9] 128 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[10] 141 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[11] 154 t_WIRBIndTbIX_MtrNm_u8p8[0] 282 t_WIRBIndTbIX_MtrNm_u8p8[0] 333 t_WIRBIndTbIX_MtrNm_u8p8[2] 333 t_WIRBIndTbIX_MtrNm_u8p8[2] 334 Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.bo_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.bo_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.ao_Uls_f32 4.7,95065212 -7,95065212 +0.000009				
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[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_UnrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_UNRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[2] 338 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tg_fillCoef_Uls_T_Str.b0_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tg_fillCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tg_fillCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tg_fillCoef_Uls_T_Str.a1_Uls_f32 -7,95065212 -7,95065212 -7,95065212 ± 0.000009				
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[8] 115 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[10] 154 t_WiRBIndTblX_MtrNm_u8p8[0] 282 t_WiRBIndTblX_MtrNm_u8p8[1] 307 t_WiRBIndTblX_MtrNm_u8p8[2] 333 t_WiRBIndTblX_MtrNm_u8p8[3] 358 t_WiRBIndTblX_MtrNm_u8p8[3] 388 t_WiRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 -7.95065212 ± 0.000009				
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] 90 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] 102 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] 115 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 128 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 141 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_WIRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[2] 338 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name				
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8] 102 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8] 115 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[9] 128 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10] 141 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[11] 154 t_WIRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 10 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 10 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.000000009 10 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.00000009 10 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009 -7.95065212 ± 0.000009				
t_inrtCmp_ScaleFactorTblY_UIs_u9p7[8] 115 t_inrtCmp_ScaleFactorTblY_UIs_u9p7[9] 128 t_inrtCmp_ScaleFactorTblY_UIs_u9p7[10] 141 t_inrtCmp_ScaleFactorTblY_UIs_u9p7[11] 154 t_WIRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.b1_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009				
t_inrtCmp_ScaleFactorTblY_UIs_u9p7[9] 128 t_inrtCmp_ScaleFactorTblY_UIs_u9p7[10] 141 t_inrtCmp_ScaleFactorTblY_UIs_u9p7[11] 154 t_WIRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.b1_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009				
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[10] 141 t_inrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_WireIndTblX_MtrNm_u8p8[0] 282 t_WireIndTblX_MtrNm_u8p8[1] 307 t_WireIndTblX_MtrNm_u8p8[2] 333 t_WireIndTblX_MtrNm_u8p8[3] 358 t_WireIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 0 0 ± 0.00009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[11] 154 t_WirBIndTblX_MtrNm_u8p8[0] 282 t_WirBIndTblX_MtrNm_u8p8[1] 307 t_WirBIndTblX_MtrNm_u8p8[2] 333 t_WirBIndTblX_MtrNm_u8p8[3] 358 t_WirBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_fiitCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_fiitCoef_Uls_T_Str.b1_Uls_f32 0 0 ± 0.00009 tgt_fiitCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_fiitCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_fiitCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				
t_WIRBIndTblX_MtrNm_u8p8[0] 282 t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009				
t_WIRBIndTblX_MtrNm_u8p8[1] 307 t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009				
t_WIRBIndTblX_MtrNm_u8p8[2] 333 t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				
t_WIRBIndTblX_MtrNm_u8p8[3] 358 t_WIRBIndTblX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 0 0 ± 0.00009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				
t_WIRBIndTbIX_MtrNm_u8p8[4] 384 Name Actual Value Expected Value Re tgt_filtCoef_UIs_T_Str.b0_UIs_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.b1_UIs_f32 0 0 ± 0.00009 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009				
Name Actual Value Expected Value Re tgt_filtCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 -0.000593814999 ± 0.0000000009 -0.000593814999 ± 0.0000000009 -0.000593814999 ± 0.00000000009 -0.000593814999 ± 0.0000000009 -0.000593814999 ± 0.00000000009 -0.000593814999 ± 0.00000000009 -0.000593814999 ± 0.000000000009 -0.000593814999 ± 0.000000000009 -0.000593814999 ± 0.0000000000009 -0.000593814999 ± 0.0000000000009 -0.000593814999 ± 0.00000000000009 -0.000593814999 ± 0.00000000000000000000000000000000				
tgt_filtCoef_Uls_T_Str.b0_Uls_f32 -0.00059381465 -0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.b1_Uls_f32 0 0 ± 0.00009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009			Expected Value	Result
tgt_filtCoef_UIs_T_Str.b1_UIs_f32 0 0 ± 0.000009 tgt_filtCoef_UIs_T_Str.b2_UIs_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_UIs_T_Str.a0_UIs_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_UIs_T_Str.a1_UIs_f32 -7.95065212 -7.95065212 ± 0.000009			·	Kesuit
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.00059381465 0.000593814999 ± 0.0000000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 3.39635515 3.39635539 ± 0.000009 tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 ± 0.000009				
tgt_filtCoef_Uls_T_Str.a1_Uls_f32 -7.95065212 -7.95065212 -7.95065212 + 0.000009				-
TOT THE COST THE 1 ST 22 THE 132	tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65299273	-7.95065212 ± 0.000009 4.65299273 ± 0.000009	-

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FilterCoefCalc

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~





Test Step 1.4 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0413060002		
VehicleSpeed_Kph_T_f32	200.059998		
WIRCmdAmpBInd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	2.9999992e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112 128		
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_FreqTbIYM_Hz_u12p4[0][10] t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48		
	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170364141	-0.170364141 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	-0.16008386 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.36400986	3.36400986 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94497013	-7.94497013 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.69101954	4.69102001 ± 0.000009	

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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	0.019999996		
VehicleSpeed_Kph_T_f32	300.079987		
WIRCmdAmpBind_MtrNm_T_f32	0.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	3.999999e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2 FDD FreqTblYM Hz u12p4[1][3]	112		
t2_FDD_FreqTbIYM_Hz_u12p4[1][4]	128		
t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	144		
t2 FDD FreqTblYM Hz u12p4[1][6]	160		
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	192		
	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]			
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t InrtCmp ScaleFactorTblY Uls u9p7[0]	38		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t InrtCmp ScaleFactorTblY Uls u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		,
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.0846711174 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.0753288865 ± 0.00000009	,
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.31349587 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.9354167 ± 0.000009	
0.7			•

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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	0.0010000005		
VehicleSpeed_Kph_T_f32	0		
WIRCmdAmpBlnd_MtrNm_T_f32	6.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	4.9999987e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128 144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	176		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	192		
t2_FDD_FreqTbIYM_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]	640 768		
t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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] t_WIRBIndTblX_MtrNm_u8p8[0]	192 1050		
t_WIRBIndTblX_MtrNm_u8p8[1]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00400001789	-0.00400001789 ± 0.000000009	ixesuit
tgt_filtCoef_UIs_T_Str.b1_UIs_f32	0.00800000038	0.00800000038 ± 0.000000009	·
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0039998249	-0.00399998203 ± 0.000000009	_
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.76236439	3.76236463 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.99272346 ± 0.000009	~
tgt_filtCoef_UIs_T_Str.a2_UIs_f32	4.24491215	4.24491215 ± 0.000009	~

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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	0.00200000009		
VehicleSpeed_Kph_T_f32	511.992188		
WIRCmdAmpBlnd_MtrNm_T_f32	5.5		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	5.9999985e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160		
t2 FDD FreqTblYM Hz u12p4[0][6]	176		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0128454715	-0.0128454706 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0160000008	0.0160000008 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00315452972	-0.00315452903 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1956141	3.19561386 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.90979624	-7.90979624 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.89459038	4.8945899 ± 0.000009	

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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	0.0030000003		
VehicleSpeed_Kph_T_f32	255.25		
WIRCmdAmpBInd_MtrNm_T_f32	3.5999999		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	7.0000019e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t CmnVehSpd Kph u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t DmpFiltKpWIRBIndY Uls u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTblX_MtrNm_u8p8[1]	1587		
t_WIRBIndTblX_MtrNm_u8p8[2]	1613		
t_WIRBIndTblX_MtrNm_u8p8[3]	1638		
	1664		
t_WIRBIndTbIX_MtrNm_u8p8[4]		P	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.022498928	-0.0224989261 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0240000002	0.0240000002 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00150107313	-0.00150107383 ± 0.000000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.12415075	3.12415075 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.89191246	-7.89191246 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.98393726	4.98393679 ± 0.000009	✓

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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	0.0040000019		
VehicleSpeed_Kph_T_f32	16.25		
WIRCmdAmpBInd_MtrNm_T_f32	0		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256 16384		
t_CmnVehSpd_Kph_u9p7[7]			
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640 16768		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	16896 3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWlRBlndY_Uls_u2p14[2]			
t DmpFiltKpWIRBIndY Uls u2p14[3]	6554 8192		
	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] t InrtCmp ScaleFactorTblY Uls u9p7[1]	192		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[2]	205		
	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] 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_WIRBIndTblX_MtrNm_u8p8[0]	1766		
t_WIRBIndTblX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_MtrNm_u8p8[2]	1818		
t_WIRBIndTblX_MtrNm_u8p8[3]	1843		
t_WIRBIndTblX_MtrNm_u8p8[4]	1869		
Name		Expected Value	Result
	Actual Value	0.0280427469 + 0.00000009	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0280437507	-0.0280437469 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0320000015	0.0320000015 ± 0.00000009	*
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00395625085	-0.00395625317 ± 0.000000009	
tat filtCoof Lile T Str at Lile f32	2 84204944	2 84204865 ± 0 000000	- 4
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	2.84204841 -7.8026042	2.84204865 ± 0.000009 -7.8026042 ± 0.000009	· ·

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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	0.0049999989		
VehicleSpeed_Kph_T_f32	32.2799988		
WIRCmdAmpBInd_MtrNm_T_f32	8.80000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.0000014e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbiX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0954187065	-0.0954187065 ± 0.00000009	rtesur.
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.039999991	0.0399999991 ± 0.00000009	-
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.0554187074 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.28349483 ± 0.0000009	-
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.49632454 ± 0.000009	✓

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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)	Innext Webse		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0060000005		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	48.5200005 5.5999999		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632 5760		
t_CmnVehSpd_Kph_u9p7[4]	5888		
t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t CmnVehSpd Kph u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170476 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.0480000004 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170483 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945698 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.95335388 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.06970024	9.06970024 ± 0.000009	

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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	0.0070000022		
VehicleSpeed_Kph_T_f32	64.9499969		
WIRCmdAmpBlnd_MtrNm_T_f32	1.10000002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]			
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_FreqTbIYM_Hz_u12p4[1][11]	352		
	0		
t_CmnVehSpd_Kph_u9p7[0]			
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t DmpFiltKpWIRBIndY Uls u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	9830		
t DmpFiltKpWIRBIndY Uls u2p14[2]	11469		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_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_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
	1024		
t_WIRBIndTblX_MtrNm_u8p8[4]			1_
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170547396	-0.170547381 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0560000017	0.0560000017 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114547402	0.114547387 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.81319332	1.81319344 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600277 ± 0.000009	•

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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	0.00800000038		
VehicleSpeed_Kph_T_f32	80.3499985		
WIRCmdAmpBlnd_MtrNm_T_f32	1.20000005		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000119999997		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0392927453	-0.0392927453 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064000003 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.0247072559 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.37325859 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.94662905 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.68011236	4.68011236 ± 0.000009	✓

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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	0.0089999961		
VehicleSpeed_Kph_T_f32	96.6200027		
WIRCmdAmpBlnd_MtrNm_T_f32	1.2999995		
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434 1459		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	1459		
t_WIRBIndTblX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
		France de al Malico	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0544182248	-0.0544182286 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.071999969	0.0719999969 ± 0.00000009	V
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.0175817721 ± 0.00000009	V
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.50426316	2.5042634 ± 0.000009	V
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.6513648	-7.6513648 ± 0.000009	V
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84437227	5.8443718 ± 0.000009	~

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•	





Test Step 1.15 (Repeat Count = 1)	Immut Value		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0099999978		
VehicleSpeed_Kph_T_f32	112.410004		
WIRCmdAmpBInd_MtrNm_T_f32	1.3999998		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16 16		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 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_FreqTbIYM_Hz_u12p4[0][11]	16		
t2 FDD FreqTbIYM Hz u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2 FDD FreqTblYM Hz u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
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_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0412790775	-0.0412790813 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.079999982	0.0799999982 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0387209207	-0.0387209207 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72832537	3.72832561 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99044704	-7.99044704 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.28122759	4.28122759 ± 0.000009	

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•	



Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef MtrNmSpRad T f32	0.0109999999		
VehicleSpeed_Kph_T_f32	128.559998		
WIRCmdAmpBlnd_MtrNm_T_f32	1.5		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000150000007		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.199160993	-0.199160963 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.087999995	0.0879999995 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.111160994	0.111160956 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.34697342	1.34697354 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.59078789 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.06223869	8.06223869 ± 0.000009	~

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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	0.0120000001		
VehicleSpeed_Kph_T_f32	144.520004		
WIRCmdAmpBInd_MtrNm_T_f32	1.60000002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000159999996		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2 FDD FreqTblYM Hz u12p4[0][4]	880		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896		
	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]			
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2 FDD FreqTblYM Hz u12p4[1][5]	736		
t2 FDD FreqTblYM Hz u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2 FDD FreqTblYM Hz u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t DmpFiltKpWIRBIndY Uls u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	141		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	154		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	166		
t_InitCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.17973122	-0.17973122 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0960000008	0.0960000008 ± 0.00000009	
	0.0837312266	0.0837312192 ± 0.00000009	
tat filtCoef Uls T Str.b2 Uls f32		. J.JJJ J J L L J J J J J J J J J J J J	· · · · · · · · · · · · · · · · · · ·
tgt_filtCoef_Uls_T_Str.b2_Uls_f32			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	1.64792883 -6.97387695	1.64792907 ± 0.000009 -6.97387695 ± 0.000009	

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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	0.0130000003		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	160.630005 1.70000005		
filtCoef Uls T Str	tgt_filtCoef_UIs_T_Str		
k InrtCmp MtrInertia KgmSq f32	0.00030000014		
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] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	160 176		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	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 16		
t2_FDD_FreqTbIYM_Hz_u12p4[1][10] t2_FDD_FreqTbIYM_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] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192 1638		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	3277		
t DmpFiltKpWIRBIndY Uls u2p14[2]	4915		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_UIs_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]	154 166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.0631598011 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104000002 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b2_UIs_f32	-0.0408402011	-0.0408402011 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	3.47085524	3.47085547 ± 0.000009	
	-7.96247482	-7.96247482 ± 0.000009	I •

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		





Test Step 1.19 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0140000004		
VehicleSpeed_Kph_T_f32	176.850006		
WIRCmdAmpBInd_MtrNm_T_f32	1.79999995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000310000003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32 48		
t2_FDD_FleqTblYM_Hz_u12p4[0][1] t2_FDD_FleqTblYM_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 1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][5] 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] t_CmnVehSpd_Kph_u9p7[10]	1280 1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269 282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_MIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTblX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.173795044	-0.173795 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112000003 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.0617950037 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.6178236 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.70810461 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.67407179 ± 0.000009	- I

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	





Test Step 1.20 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0149999997		
VehicleSpeed_Kph_T_f32	192.520004		
WIRCmdAmpBInd_MtrNm_T_f32	1.8999998		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64 80		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	96		
t2_FDD_F1eq1611Wi_f12_u12p4[0][3] t2_FDD_F1eq1611Wi_f12_u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2 FDD FreqTbIYM 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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867457 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.119999997 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.0358674601 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.82515597 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.79624844 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.37859583 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		



Test Step 1.21 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0160000008		
VehicleSpeed_Kph_T_f32	208.119995		
WIRCmdAmpBInd_MtrNm_T_f32	2.20000005		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80 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]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]	166 179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] t InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InttCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0883268192	-0.0883268118 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128000006 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.0396731868 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.39172363 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985914 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841722 ± 0.000009	

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	





Test Step 1.22 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0170000009		
VehicleSpeed_Kph_T_f32	224.009995		
WIRCmdAmpBInd_MtrNm_T_f32	2.0999999		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000339999999		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	80		
t2_FDD_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][5]	96 112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7]	128 144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	179		
t InrtCmp ScaleFactorTblY UIs u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.10374245 ± 0.0000009	rtooul
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136000007 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0322575532	-0.0322575495 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.30435205	3.30435181 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.93359709	-7.93359709 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.76205063	4.76205063 ± 0.000009	

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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)	Innered Welling		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0179999992		
VehicleSpeed_Kph_T_f32	240.020004		
WIRCmdAmpBInd_MtrNm_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144 160		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192		
	208		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	272		
t2 FDD FreqTbIYM 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 FreqTbIYM Hz u12p4[1][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_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_WIRBIndTbIX_MtrNm_u8p8[0]	256		
t_WIRBIndTbIX_MtrNm_u8p8[1]	512		
t_WIRBIndTbIX_MtrNm_u8p8[2]	768		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1024		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		,
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.120654218	-0.120654218 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.143999994	0.143999994 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0233457759	-0.0233457815 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202346 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.922647 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.8253293 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		





Test Step 1.24 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.018999994		
VehicleSpeed_Kph_T_f32	256.049988		
WIRCmdAmpBInd_MtrNm_T_f32	4.30000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005 336		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352		
t2_FDD_Fleq16lfM_Fl2_u12p4[0][1] t2_FDD_Fleq16lfM_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_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144 160		
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 0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t DmpFiltKpWIRBIndY Uls u2p14[2]	0		
t DmpFiltKpWIRBIndY Uls u2p14[3]	0		
t_DmpFiltKpWlRBIndY_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_WIRBIndTblX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	1792 1818		
t_WIRBINdTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.266277403	-0.266277373 ± 0.0000009	Resul
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.151999995	0.151999995 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114277415	0.114277385 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.55320787	2.55320811 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.67659283	-7.67659283 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.77019882 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		





Test Step 1.25 (Repeat Count = 1)	Innut Malua		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.019999996		
VehicleSpeed_Kph_T_f32	272.059998		
WIRCmdAmpBlnd_MtrNm_T_f32	5.0999999		
filtCoef_Uls_T_Str k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_UIs_T_Str 0.000369999994		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	672		
t2_FDD_Fleq1bl/tM_Fiz_u12p4[0][1] t2_FDD_Fleq1bl/tM_Fiz_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_FreqTbIYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTbIYM_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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[9]	115		
t_inrtCmp_scaleFactor1blY_0is_u9p7[9] t_inrtCmp_scaleFactorTblY_Uis_u9p7[10]	128		
t_InrtCmp_ScaleFactor1blY_Uis_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[11]	154		
t_Mintering_scale=actor1bi1_ois_usp7[11] t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBINdTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
		Expected Value	Page
Name tot filtCoof Lile T Str b0 Lile f32	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0996317267	-0.0996317267 ± 0.00000009	
tgt_filtCoof_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	
tgt_filtCoof_Uls_T_Str.b2_Uls_f32	-0.0603682697	-0.0603682697 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23617816	3.23617816 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.91914797	-7.91914797 ± 0.000009	

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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	0.020999997		
VehicleSpeed_Kph_T_f32	288.079987		
WIRCmdAmpBInd_MtrNm_T_f32	6.400001		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[4] t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[5]	77 90		
	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_WIRBIndTblX_MtrNm_u8p8[0]	666 691		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	768		
		Even ato d Velve	B
Name	Actual Value	Expected Value	Result
tgt_filtCoef_UIs_T_Str.b0_UIs_f32	-0.211607069	-0.211607069 ± 0.0000009	· ·
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16799998	0.167999998 ± 0.0000009	✓
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.0436070636 ± 0.00000009	✓
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.26093268	2.26093292 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.50725317 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.23181343	6.23181391 ± 0.000009	✓

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-	





Test Step 1.27 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0219999999		
VehicleSpeed_Kph_T_f32	304.089996		
WIRCmdAmpBlnd_MtrNm_T_f32	7.0999999		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000390000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256 16384		
t_CmnVehSpd_Kph_u9p7[7]			
t_CmnVehSpd_Kph_u9p7[8]	16512 16640		
t_CmnVehSpd_Kph_u9p7[9]	16768		
t_CmnVehSpd_Kph_u9p7[10]	16896		
t_CmnVehSpd_Kph_u9p7[11]	1638		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1] t_DmpFiltKpWIRBIndY_Uls_u2p14[2]			
t DmpFiltKpWlRBIndY Uls u2p14[3]	4915 6554		
t DmpFiltKpWlRBIndY Uls u2p14[4]	8192		
	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] 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[10]	0		
t_WIRBIndTblX_MtrNm_u8p8[0]	922		
t_WIRBIndTblX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTblX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_MtrNm_u8p8[4]	1024		
		Expected Value	Page
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.0564835444 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.175999999 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462 1.64792883	-0.119516455 ± 0.0000009	
tat filtCoof Ille T Str at Ille f22	1.04/9/00-2	1.64792907 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•		



Test Step 1.28 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.023		
VehicleSpeed_Kph_T_f32	320.070007		
WIRCmdAmpBInd_MtrNm_T_f32	8.19999981		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003999999		
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44143194	-0.44143188 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184	0.184 ± 0.0000009	-
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.257431924	0.257431895 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.2420702 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469471 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.26323557	6.26323509 ± 0.000009	✓

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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-





Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0240000002		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	336.059998 4.5		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000410000008		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	624 640		
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] t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1424 1440		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1440		
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] t CmnVehSpd Kph u9p7[9]	6272 6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t CmnVehSpd Kph u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218 230		
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536	- - - - - - - - - -	1.
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.64859736	-0.6485973 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.192000002	0.192000002 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.456597328 1.64794874	0.456597298 ± 0.0000009 1.64794874 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97389889	-6.97389889 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37815237	7.37815237 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•		





Test Step 1.30 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0250000004		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	352.049988 4.9000001		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-006		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	960 976		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1296 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] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	5376 6554		
t DmpFiltKpWIRBIndY Uls u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_UIs_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]	128 141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.12834549	-0.128345475 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.200000003	0.200000003 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.0716545284 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.25517941 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242453 ± 0.000009	

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•		





Test Step 1.31 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0260000005		
VehicleSpeed_Kph_T_f32	368.01001		
WIRCmdAmpBInd_MtrNm_T_f32	7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1504		
	1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]			
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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbiX_MtrNm_u8p8[4]	1997		
		P	-
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44634214	-0.446342081 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208000004 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.238342136	0.238342077 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.7996192	1.7996192 ± 0.000009	✓
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.13275242	-7.13275242 ± 0.000009	-
	7.06762838	7.06762838 ± 0.000009	-

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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-





Test Step 1.32 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0270000007		
VehicleSpeed_Kph_T_f32	384.019989		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str	2.5 tgt_filtCoef_Uls_T_Str		
k InrtCmp MtrInertia KgmSq f32	2,9999992e-005		
t2_FDD_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	640 656		
t2_FDD_FreqTbIYM_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]	640 656		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] 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] t DmpFiltKpWIRBIndY Uls u2p14[0]	16640 3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269 282		
t_InitCmp_ScaleFactorTblY_Uis_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-0.171643585 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216000006 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.0443564169 ± 0.00000009	•
	2.16740918	2.16740942 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.44288063 ± 0.000009	

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Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	





Test Step 1.33 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.019999996		
VehicleSpeed_Kph_T_f32	300.079987		
WIRCmdAmpBInd_MtrNm_T_f32	0.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	3.999999e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80 96		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112		
t2_FDD_FreqTbIYM_Hz_u12p4[0][4] t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTbIYM_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_FreqTbIYM_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_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.0846711174 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.0753288865 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.31349587 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.9354167 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.75108767 ± 0.000009	•

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Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		

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DecelGain

Project 9BXX_FrqDepDmpnInrtCmp

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\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_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'	Name of Tester:Jayesh Jahagirdar Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document:Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version:18 Data Dictionary Version:17
	Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.32 Total FLASH Used (Bytes):1994 Total RAM Used (Bytes):30 Total CALS Used (Bytes):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrQDepDmpnIntCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_UIs_T_Str.b0_UIs_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_UIs_T_Str.b1_UIs_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 320.00 Cycles TS1.2 343.00 Cycles

Description

Test Vector Description:

TS1.1 "Shortest Execution Path:
(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32)=True
(RawDecelGain_Uls_T_f32>=(D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32)=True"
TS1.2 "Longest Execution Path:
(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32)=False
(-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOnfThresh_KphpS_f32)=False
(-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOnfThresh_KphpS_f32)=False
(RawDecelGain_Uls_T_f32>=(D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32)=False
(RawDecelGain_Uls_T_f32<=(D_2MS_SEC_F32 * -k_DmpDecelGainFSlew_UlspS_f32)+ PreDecelGain_Uls_M_f32)=False"

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

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	500.679993		
PreDecelGain_Uls_M_f32	127118.836		
VehicleLonAccel_KphpS_T_f32	-3.0999999		
k_DmpDecelGainFSlew_UlspS_f32	1700.02002		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.836 ± 0.9	-

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			_
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127118.836	127118.836 ± 0.0625	✓

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



Test Case 2: Boundary Test

Specification

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

CPU Cycles:

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

Description

Test Vector Description:

TS2 1All min

TS2.2All max

TS2.3VehicleLonAccel_KphpS_T_f32 = min TS2.3VehicleLonAccel_KphpS_T_f32 = min
TS2.4VehicleLonAccel_KphpS_T_f32 = max
TS2.5VehicleLonAccel_KphpS_T_f32 = zero
TS2.6VehicleLonAccel_KphpS_T_f32 = zero
TS2.6VehicleLonAccel_KphpS_T_f32 = pos
TS2.7VehicleLonAccel_KphpS_T_f32 = min
TS2.9CRFMotorVel1_MtrRadpS_T_f32 = min
TS2.9CRFMotorVel1_MtrRadpS_T_f32 = zero
TS2.10CRFMotorVel1_MtrRadpS_T_f32 = zero
TS2.11CRFMotorVel1_MtrRadpS_T_f32 = pos
TS2.12CRFMotorVel1_MtrRadpS_T_f32 = neg
TS2.13k_DmpGainOnThresh_KphpS_f32 = min
TS2.14k_DmpGainOnThresh_KphpS_f32 = pos
TS2.15k_DmpGainOnThresh_KphpS_f32 = pos
TS2.16k_DmpGainOnThresh_KphpS_f32 = defau

TS2.16k_DmpGainOnThresh_KphpS_f32 = default TS2.17k_DmpDecelGain_Uls_f32 = min TS2.18k_DmpDecelGain_Uls_f32 = max

TS2.19k_DmpDecelGain_Uls_f32 = pos

TS2.20k_DmpDecelGain_Uls_f32 = default TS2.21k_DmpGainOffThresh_KphpS_f32 = min TS2.22k_DmpGainOffThresh_KphpS_f32 = max

TS2.23k_DmpGainOffThresh_KphpS_f32 = pos TS2.24k_DmpGainOffThresh_KphpS_f32 = default TS2.25PreDecelGain_Uls_M_f32 = min

TS2.26PreDecelGain_Uls_M_f32 = max TS2.27PreDecelGain_Uls_M_f32 = pos TS2.28t_DmpDecelGainSlewX_MtrRadpS_u11p5[6]= min

TS2.29t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = max TS2.30t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = max TS2.30t_DmpDecelGainSlewX_MtrRadpS_u11p5[6] = pos TS2.31t_DmpDecelGainSlewY_UlspS_u13p3[6] = min TS2.32t_DmpDecelGainSlewY_UlspS_u13p3[6] = max TS2.33t_DmpDecelGainSlewY_UlspS_u13p3[6] = pos TS2.34k_DmpDecelGainFSlew_UlspS_132 = min TS2.34k_DmpDecelGainFSlew_UlspS_1

TS2.35k_DmpDecelGainFSlew_UlspS_f32 = max/default TS2.36k_DmpDecelGainFSlew_UlspS_f32 = pos

Test Step 2.1 (Repeat Count = 1)		<u> </u>
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	

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Name	Input Value		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	~
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Coun	Resu	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		/

Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1118		
PreDecelGain_Uls_M_f32	4.2949673e+009		
VehicleLonAccel_KphpS_T_f32	10		
k_DmpDecelGainFSlew_UlspS_f32	4500		
k_DmpDecelGain_Uls_f32	10		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	50		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000		
Name	Actual Value	Expected Value	Result
DecelGain()	4.2949673e+009	4.2949673e+009 ± 9999	~
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625	~

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



Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.019997		
PreDecelGain_Uls_M_f32	125487.234		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	100.019997		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	11.5		
k_DmpGainOnThresh_KphpS_f32	5.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448		
Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.031 ± 0.9	✓
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✓

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

Test Step 2.4 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	200.029999		
PreDecelGain_Uls_M_f32	125589.211		
VehicleLonAccel_KphpS_T_f32	10		
k_DmpDecelGainFSlew_UlspS_f32	200.050003		
k_DmpDecelGain_Uls_f32	3.5		
k_DmpGainOffThresh_KphpS_f32	22.25		
k_DmpGainOnThresh_KphpS_f32	10.1199999		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.813 ± 0.9	~
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✓

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

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-100.040001
PreDecelGain_Uls_M_f32	125691.188
VehicleLonAccel_KphpS_T_f32	0
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	4.19999981
k_DmpGainOffThresh_KphpS_f32	33.3499985

DecelGain

DecelGain()

PreDecelGain_Uls_M_f32

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125690.586 ± 0.9

125690.586 ± 0.0625

Name	Input Value		
k_DmpGainOnThresh_KphpS_f32	15.3199997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result

125690.586

125690.586

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.050003		
PreDecelGain_Uls_M_f32	125793.156		
VehicleLonAccel_KphpS_T_f32	5.30000019		
k_DmpDecelGainFSlew_UlspS_f32	400.040009		
k_DmpDecelGain_Uls_f32	6.099999		
k_DmpGainOffThresh_KphpS_f32	44.4500008		
k_DmpGainOnThresh_KphpS_f32	20.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	125792.359	125792.359 ± 0.9	✓
PreDecelGain_Uls_M_f32	125792.359	125792.359 ± 0.0625	✓

Test Step 2.7 (Repeat Count = 1)			·
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.019989		
PreDecelGain_Uls_M_f32	125895.133		
VehicleLonAccel_KphpS_T_f32	-5.4000001		
k_DmpDecelGainFSlew_UlspS_f32	500.019989		
k_DmpDecelGain_Uls_f32	5.19999981		
k_DmpGainOffThresh_KphpS_f32	8.21000004		
k_DmpGainOnThresh_KphpS_f32	25.1200008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648		
Name	Actual Value	Expected Value	Result
DecelGain()	125894.133	125894.133 ± 0.9	~
PreDecelGain_Uls_M_f32	125894.133	125894.133 ± 0.0625	•



Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
PreDecelGain_Uls_M_f32	125997.109		
VehicleLonAccel_KphpS_T_f32	-2.20000005		
k_DmpDecelGainFSlew_UlspS_f32	600.039978		
k_DmpDecelGain_Uls_f32	7.80000019		
k_DmpGainOffThresh_KphpS_f32	16.6200008		
k_DmpGainOnThresh_KphpS_f32	1.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125995.906	125995.906 ± 0.9	~
PreDecelGain_Uls_M_f32	125995.906	125995.906 ± 0.0625	✓

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1118		
PreDecelGain_Uls_M_f32	126099.086		
VehicleLonAccel_KphpS_T_f32	-3.29999995		
k_DmpDecelGainFSlew_UlspS_f32	700.030029		
k_DmpDecelGain_Uls_f32	8.69999981		
k_DmpGainOffThresh_KphpS_f32	24.2099991		
k_DmpGainOnThresh_KphpS_f32	2.57999992		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	126097.688	126097.688 ± 0.9	~
PreDecelGain_Uls_M_f32	126097.688	126097.688 ± 0.0625	✓

Test Step 2.10 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	0	
PreDecelGain_Uls_M_f32	126201.063	
VehicleLonAccel_KphpS_T_f32	-4.0999999	
k_DmpDecelGainFSlew_UlspS_f32	800.039978	
k_DmpDecelGain_Uls_f32	9.19999981	
k_DmpGainOffThresh_KphpS_f32	11.21	
k_DmpGainOnThresh_KphpS_f32	3.21000004	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616	

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	126199.461	126199.461 ± 0.9	~
PreDecelGain_Uls_M_f32	126199.461	126199.461 ± 0.0625	✓

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
PreDecelGain_Uls_M_f32	126303.031		
VehicleLonAccel_KphpS_T_f32	-5.5999999		
k_DmpDecelGainFSlew_UlspS_f32	900.02002		
k_DmpDecelGain_Uls_f32	1.10000002		
k_DmpGainOffThresh_KphpS_f32	22.4099998		
k_DmpGainOnThresh_KphpS_f32	4.61999989		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	14656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	14688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	14720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	14752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328		
Name	Actual Value	Expected Value	Result
DecelGain()	126301.234	126301.234 ± 0.9	•
PreDecelGain Uls M f32	126301.234	126301.234 ± 0.0625	•

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Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-100.199997		
PreDecelGain_Uls_M_f32	126405.008		
VehicleLonAccel_KphpS_T_f32	-6.0999999		
k_DmpDecelGainFSlew_UlspS_f32	1000.01001		
k_DmpDecelGain_Uls_f32	1.5		
k_DmpGainOffThresh_KphpS_f32	33.3199997		
k_DmpGainOnThresh_KphpS_f32	5.63999987		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424		
Name	Actual Value	Expected Value	Resul
DecelGain()	126403.008	126403.008 ± 0.9	•
PreDecelGain Uls M f32	126403.008	126403.008 ± 0.0625	•

Test Step 2.13 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	200.119995	
PreDecelGain_Uls_M_f32	126506.984	
VehicleLonAccel_KphpS_T_f32	6.19999981	
k_DmpDecelGainFSlew_UlspS_f32	1100.02002	
k_DmpDecelGain_Uls_f32	1.89999998	

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Dece	lGain

Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	44.4500008		
k_DmpGainOnThresh_KphpS_f32	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	25216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	25248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25280		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	25312		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	25344		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	25376		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	126504.781	126504.781 ± 0.9	~
PreDecelGain_Uls_M_f32	126504.781	126504.781 ± 0.0625	✓

Test Step 2.14 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.309998		
PreDecelGain_Uls_M_f32	126608.961		
VehicleLonAccel_KphpS_T_f32	7.5		
k_DmpDecelGainFSlew_UlspS_f32	1200.02002		
k_DmpDecelGain_Uls_f32	2.5		
k_DmpGainOffThresh_KphpS_f32	8.61999989		
k_DmpGainOnThresh_KphpS_f32	50		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	126606.563	126606.563 ± 0.9	•
PreDecelGain Uls M f32	126606.563	126606.563 ± 0.0625	•

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.519989		
PreDecelGain_Uls_M_f32	126710.938		
VehicleLonAccel_KphpS_T_f32	8.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1300.02002		
k_DmpDecelGain_Uls_f32	5.5999999		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
k_DmpGainOnThresh_KphpS_f32	25.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	126708.336	126708.336 ± 0.9	~
PreDecelGain_Uls_M_f32	126708.336	126708.336 ± 0.0625	~



Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.519989		
PreDecelGain_Uls_M_f32	126710.938		
VehicleLonAccel_KphpS_T_f32	8.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1300.02002		
k_DmpDecelGain_Uls_f32	5.5999999		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
k_DmpGainOnThresh_KphpS_f32	10		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	126708.336	126708.336 ± 0.9	✓
PreDecelGain_Uls_M_f32	126708.336	126708.336 ± 0.0625	✓

Test Step 2.17 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-300.630005		
PreDecelGain_Uls_M_f32	126812.906		
VehicleLonAccel_KphpS_T_f32	9.30000019		
k_DmpDecelGainFSlew_UlspS_f32	1400.01001		
k_DmpDecelGain_Uls_f32	1		
k_DmpGainOffThresh_KphpS_f32	24.1200008		
k_DmpGainOnThresh_KphpS_f32	11.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520		
Name	Actual Value	Expected Value	Result
DecelGain()	126810.109	126810.109 ± 0.9	~
PreDecelGain_Uls_M_f32	126810.109	126810.109 ± 0.0625	✓

Test Step 2.18 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	400.75	
PreDecelGain_Uls_M_f32	126914.883	
VehicleLonAccel_KphpS_T_f32	-1.20000005	
k_DmpDecelGainFSlew_UlspS_f32	1500.04004	
k_DmpDecelGain_Uls_f32	10	
k_DmpGainOffThresh_KphpS_f32	32.4099998	
k_DmpGainOnThresh_KphpS_f32	22.4099998	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648		
Name	Actual Value	Expected Value	Result
DecelGain()	126911.883	126911.883 ± 0.9	~
PreDecelGain_Uls_M_f32	126911.883	126911.883 ± 0.0625	✓

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.519989		
PreDecelGain_Uls_M_f32	127016.859		
VehicleLonAccel_KphpS_T_f32	-2.29999995		
k_DmpDecelGainFSlew_UlspS_f32	1600.02002		
k_DmpDecelGain_Uls_f32	5.25		
k_DmpGainOffThresh_KphpS_f32	40.5200005		
k_DmpGainOnThresh_KphpS_f32	33.3199997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.656 ± 0.9	~
PreDecelGain_Uls_M_f32	127013.656	127013.656 ± 0.0625	✓

Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.519989		
PreDecelGain_Uls_M_f32	127016.859		
VehicleLonAccel_KphpS_T_f32	-2.2999995		
k_DmpDecelGainFSlew_UlspS_f32	1600.02002		
k_DmpDecelGain_Uls_f32	3		
k_DmpGainOffThresh_KphpS_f32	40.5200005		
k_DmpGainOnThresh_KphpS_f32	33.3199997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.656 ± 0.9	~
PreDecelGain_Uls_M_f32	127013.656	127013.656 ± 0.0625	~

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	500.679993
PreDecelGain_Uls_M_f32	127118.836
VehicleLonAccel_KphpS_T_f32	-3.0999999
k_DmpDecelGainFSlew_UlspS_f32	1700.02002
k_DmpDecelGain_Uls_f32	2.099999

DecelGain

PreDecelGain_Uls_M_f32

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127118.836 ± 0.0625

Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118 836	127118 836 + 0.9	✓

127118.836

Test Step 2.22 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	600.460022		
PreDecelGain_Uls_M_f32	127220.813		
VehicleLonAccel_KphpS_T_f32	-4.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1800.01001		
k_DmpDecelGain_Uls_f32	2.2000005		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	8.61999989		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.211 ± 0.9	•
PreDecelGain Uls M f32	127217.211	127217.211 ± 0.0625	•

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	700.02002		
PreDecelGain_Uls_M_f32	127322.781		
VehicleLonAccel_KphpS_T_f32	-5.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1900.03003		
k_DmpDecelGain_Uls_f32	2.5999999		
k_DmpGainOffThresh_KphpS_f32	25.4500008		
k_DmpGainOnThresh_KphpS_f32	16.2099991		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328		
Name	Actual Value	Expected Value	Result
DecelGain()	127318.984	127318.984 ± 0.9	~
PreDecelGain_Uls_M_f32	127318.984	127318.984 ± 0.0625	~



Test Step 2.24 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	700.02002		
PreDecelGain_Uls_M_f32	127322.781		
VehicleLonAccel_KphpS_T_f32	-5.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1900.03003		
k_DmpDecelGain_Uls_f32	2.5999999		
k_DmpGainOffThresh_KphpS_f32	1		
k_DmpGainOnThresh_KphpS_f32	16.2099991		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328		
Name	Actual Value	Expected Value	Result
DecelGain()	127322.781	127322.781 ± 0.9	✓
PreDecelGain_Uls_M_f32	127322.781	127322.781 ± 0.0625	✓

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	800.030029		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-6.5		
k_DmpDecelGainFSlew_UlspS_f32	2000.06006		
k_DmpDecelGain_Uls_f32	2.79999995		
k_DmpGainOffThresh_KphpS_f32	11.21		
k_DmpGainOnThresh_KphpS_f32	24.1200008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	~
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	✓

Test Step 2.26 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	900.080017	
PreDecelGain_Uls_M_f32	4.2949673e+009	
VehicleLonAccel_KphpS_T_f32	-7.5999999	
k_DmpDecelGainFSlew_UlspS_f32	2100.02002	
k_DmpDecelGain_Uls_f32	3.5	
k_DmpGainOffThresh_KphpS_f32	22.4099998	
k_DmpGainOnThresh_KphpS_f32	32.4099998	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456	

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	4.2949673e+009	4.2949673e+009 ± 9999	~
PreDecelGain_Uls_M_f32	4.2949673e+009	4.2949673e+009 ± 0.0625	✓

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1000.12		
PreDecelGain_Uls_M_f32	127628.711		
VehicleLonAccel_KphpS_T_f32	-8.1999981		
k_DmpDecelGainFSlew_UlspS_f32	2200.02002		
k_DmpDecelGain_Uls_f32	3.9000001		
k_DmpGainOffThresh_KphpS_f32	33.3199997		
k_DmpGainOnThresh_KphpS_f32	40.5200005		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	127624.313	127624.313 ± 0.9	~
PreDecelGain_Uls_M_f32	127624.313	127624.313 ± 0.0625	✓

Test Step 2.28 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1100.26001		
PreDecelGain_Uls_M_f32	127730.688		
VehicleLonAccel_KphpS_T_f32	-9.19999981		
k_DmpDecelGainFSlew_UlspS_f32	2300.04004		
k_DmpDecelGain_Uls_f32	3.70000005		
k_DmpGainOffThresh_KphpS_f32	44.4500008		
k_DmpGainOnThresh_KphpS_f32	48.6199989		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	127726.086	127726.086 ± 0.9	~
PreDecelGain_Uls_M_f32	127726.086	127726.086 ± 0.0625	~

Test Step 2.29 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-500.230011	
PreDecelGain_Uls_M_f32	127832.656	
VehicleLonAccel_KphpS_T_f32	1.10000002	
k_DmpDecelGainFSlew_UlspS_f32	2400.08008	
k_DmpDecelGain_Uls_f32	4.80000019	

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Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	8.61999989		
k_DmpGainOnThresh_KphpS_f32	4.21000004		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520		
Name	Actual Value	Expected Value	Result
DecelGain()	127827.859	127827.859 ± 0.9	~
PreDecelGain_Uls_M_f32	127827.859	127827.859 ± 0.0625	~

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.52002		
PreDecelGain_Uls_M_f32	127934.633		
VehicleLonAccel_KphpS_T_f32	1.20000005		
k_DmpDecelGainFSlew_UlspS_f32	2500.02002		
k_DmpDecelGain_Uls_f32	5.9000001		
k_DmpGainOffThresh_KphpS_f32	16.2099991		
k_DmpGainOnThresh_KphpS_f32	8.85000038		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3200		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	6400		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9600		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	12800		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	16000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	19200		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	127929.633	127929.633 ± 0.9	✓
PreDecelGain_Uls_M_f32	127929.633	127929.633 ± 0.0625	~

Test Step 2.31 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-700.140015		
PreDecelGain_Uls_M_f32	128036.609		
VehicleLonAccel_KphpS_T_f32	1.60000002		
k_DmpDecelGainFSlew_UlspS_f32	2600.07007		
k_DmpDecelGain_Uls_f32	5.80000019		
k_DmpGainOffThresh_KphpS_f32	24.1200008		
k_DmpGainOnThresh_KphpS_f32	12.6099997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	128031.406	128031.406 ± 0.9	~
PreDecelGain_Uls_M_f32	128031.406	128031.406 ± 0.0625	~



Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-800.52002		
PreDecelGain_Uls_M_f32	128138.586		
VehicleLonAccel_KphpS_T_f32	1.79999995		
k_DmpDecelGainFSlew_UlspS_f32	2700.03003		
k_DmpDecelGain_Uls_f32	6.5		
k_DmpGainOffThresh_KphpS_f32	32.4099998		
k_DmpGainOnThresh_KphpS_f32	16.2099991		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000		
Name	Actual Value	Expected Value	Result
DecelGain()	128133.188	128133.188 ± 0.9	~
PreDecelGain_Uls_M_f32	128133.188	128133.188 ± 0.0625	✓

Test Step 2.33 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-900.630005		
PreDecelGain_Uls_M_f32	128240.563		
VehicleLonAccel_KphpS_T_f32	-2.0999999		
k_DmpDecelGainFSlew_UlspS_f32	2800.02002		
k_DmpDecelGain_Uls_f32	6.80000019		
k_DmpGainOffThresh_KphpS_f32	40.5200005		
k_DmpGainOnThresh_KphpS_f32	20.6299992		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2008		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2016		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2024		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2032		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2040		
Name	Actual Value	Expected Value	Result
DecelGain()	128234.961	128234.961 ± 0.9	~
PreDecelGain_Uls_M_f32	128234.961	128234.961 ± 0.0625	✓

Test Step 2.34 (Repeat Count = 1)		~
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-1000.25	
PreDecelGain_Uls_M_f32	128342.531	
VehicleLonAccel_KphpS_T_f32	-2.5	
k_DmpDecelGainFSlew_UlspS_f32	1	
k_DmpDecelGain_Uls_f32	6.9000001	
k_DmpGainOffThresh_KphpS_f32	48.6199989	
k_DmpGainOnThresh_KphpS_f32	24.1399994	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688	

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	128342.531	128342.531 ± 0.9	~
PreDecelGain_Uls_M_f32	128342.531	128342.531 ± 0.0625	✓

Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1100.84998		
PreDecelGain_Uls_M_f32	128444.508		
VehicleLonAccel_KphpS_T_f32	-2.9000001		
k_DmpDecelGainFSlew_UlspS_f32	4500		
k_DmpDecelGain_Uls_f32	3.7999995		
k_DmpGainOffThresh_KphpS_f32	4.21000004		
k_DmpGainOnThresh_KphpS_f32	28.1800003		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	128435.508	128435.508 ± 0.9	~
PreDecelGain_Uls_M_f32	128435.508	128435.508 ± 0.0625	✓

Test Step 2.36 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	458.619995		
PreDecelGain_Uls_M_f32	128546.484		
VehicleLonAccel_KphpS_T_f32	-8.10000038		
k_DmpDecelGainFSlew_UlspS_f32	2500.02002		
k_DmpDecelGain_Uls_f32	6.900001		
k_DmpGainOffThresh_KphpS_f32	8.85000038		
k_DmpGainOnThresh_KphpS_f32	32.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	128541.484	128541.484 ± 0.9	•
PreDecelGain Uls M f32	128541.484	128541.484 ± 0.0625	✓



Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.019997		
PreDecelGain_Uls_M_f32	125487.234		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	100.019997		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	11.5		
k_DmpGainOnThresh_KphpS_f32	5.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448		
Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.031 ± 0.9	-
PreDecelGain Uls M f32	125487.031	125487.031 ± 0.0625	✓

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

Name	Input Value	
CRFMotorVel MtrRadpS T f32	200.029999	
PreDecelGain Uls M f32	125589.211	
VehicleLonAccel KphpS T f32	10	
k DmpDecelGainFSlew UlspS f32	200.050003	
k DmpDecelGain Uls f32	3.5	
k DmpGainOffThresh KphpS f32	22.25	
k_DmpGainOnThresh_KphpS_f32	10.1199999	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t DmpDecelGainSlewX MtrRadpS u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t DmpDecelGainSlewX MtrRadpS u11p5[5]	4032	
t DmpDecelGainSlewY UlspS u13p3[0]	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	

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Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.813 ± 0.9	~
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	~

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

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	500.679993		
PreDecelGain_Uls_M_f32	127118.836		
VehicleLonAccel_KphpS_T_f32	-3.0999999		
k_DmpDecelGainFSlew_UlspS_f32	1700.02002		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.836 ± 0.9	✓
PreDecelGain_Uls_M_f32	127118.836	127118.836 ± 0.0625	✓

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

Test Step 3.4 (Repeat Count = 1)			·
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	1		
k_DmpDecelGain_Uls_f32	2		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	1.00199997	1.00199997 ± 0.000009	-
PreDecelGain_Uls_M_f32	1.00199997	1.00199997 ± 0.0625	✓

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