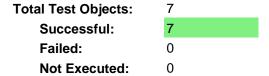
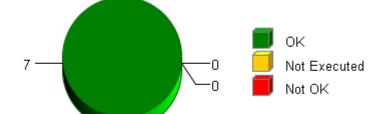


Summary

Overall Test Object Results (including Coverage)



Date: 2015-10-26 **Time:** 11:54:50+0530



Selected Project Items

Test Object "CBD UnitTest/FDD Inertia/ADDCoefCalc"

Test Object "CBD_UnitTest/FDD_Inertia/DecelGain"

Test Object "CBD_UnitTest/FDD_Inertia/DriverVelCalc"

Test Object "CBD_UnitTest/FDD_Inertia/FilterCoefCalc"

Test Object "CBD_UnitTest/FDD_Inertia/FrqDepDmpnInrtCmp_Init"

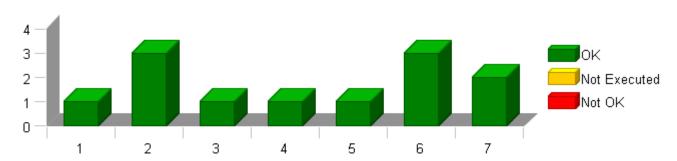
Test Object "CBD UnitTest/FDD Inertia/FrgDepDmpnInrtCmp Per1"

Test Object "CBD_UnitTest/FDD_Inertia/GenFddIcCmd"

Used Test Environments

TI TMS 570 PLS UDE (Default)

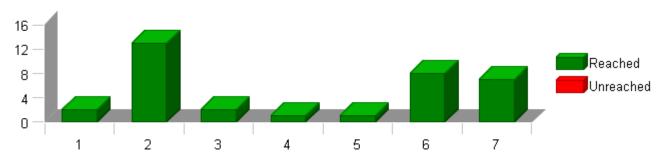
Test Case Results for Each Test Object (without Coverage)



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

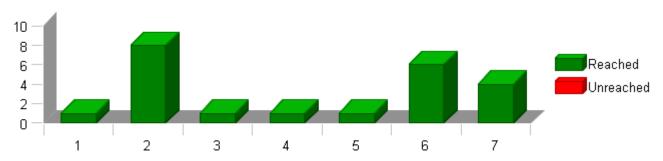


Statement (C0) Coverage: Total Statements for Each Test Object



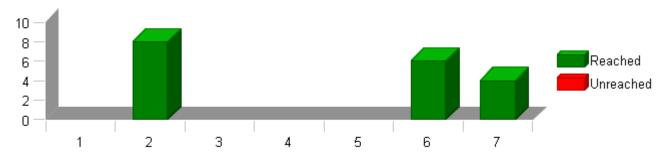
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

Decision Coverage: Total Decision Outcomes for Each Test Object

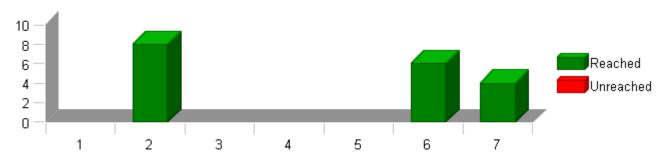


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



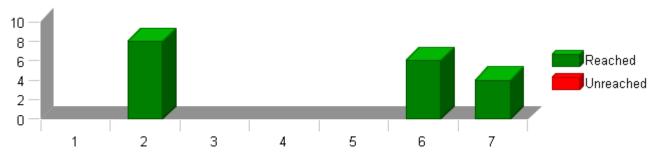
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

MCC Coverage: Total Condition Combinations for Each Test Object



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

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

TEST OVERVIEW REPORT

Project 9BXX_FrqDepDmpnInrtCmp

2015-10-26, 11:54:50+0530

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Test Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	9BXX_FrqDepDmpnInrtCmp	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	12 of 12 passed	•
1	<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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2015-10-26, 11:26:19+0530



ADDCoefCalc

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia
Test Object ADDCoefCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

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

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Text

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:17 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):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Iniline 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_UIs_T_Str.bo_UIs_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_UIs_T_Str.bo_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 ""Prev1PreAtinComp_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, FFM_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: Sx significant tolerance is used in the functions ""ADDCoefCalc", ""DecelGalin", ""Prev1PreAtInComp_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: Boundary Test

Specification

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

CPU Cycles:

TS1.1 1409.00 Cycles 1399.00 Cycles 1399.00 Cycles 1430.00 Cycles 1487.00 Cycles 1387.00 Cycles 1432.00 Cycles 1541.00 Cycles 1375.00 Cycles 1386.00 Cycles 1375.00 Cycles 1375.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1556.00 Cycles 1587.00 Cycles TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 TS1.8 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 TS1.18 1387.00 Cycles 1387.00 Cycles 1419.00 Cycles 1387.00 Cycles 1419.00 Cycles 1419.00 Cycles 1398.00 Cycles 1387.00 Cycles 1387.00 Cycles 1398.00 Cycles 1398.00 Cycles 1398.00 Cycles 1398.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 1398.00 Cycles 1601.00 Cycles 1419.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1387.00 Cycles 1398.00 Cycles 1398.00 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	-8.80000019	
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	

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



Name	Input Value		
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t CmnVehSpd Kph u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t DmpADDCoefX MtrNm u4p12[0]	0		
t_DmpADDCoefX_MtrNm_u4p12[1]	0		
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]	0		
t_DmpADDCoefX_MtrNm_u4p12[5]	0		
t_DmpADDCoefX_MtrNm_u4p12[6]	0		
t_DmpADDCoefX_MtrNm_u4p12[7]	0		
t_DmpADDCoefX_MtrNm_u4p12[8]	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0		
	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[4]	0		
	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0		
t_FDD_BlendTblY_Uls_u8p8[0]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTblY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
t_FDD_BlendTblY_Uls_u8p8[10]	0		
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0	0 ± 0.000009	~



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

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.8000019
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554 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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	6554 6554
tz_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][b] t2_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRoillingTbIYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRoillingTbIYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	36045 36045
t_DmpADDCoefX_MtrNm_u4p12[1] t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t DmpADDCoefX MtrNm u4p12[4]	36045
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
t_DmpADDCoefX_MtrNm_u4p12[7]	36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554 6654
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	256
t_FDD_BlendTblY_Uls_u8p8[1]	256
t_FDD_BlendTblY_Uls_u8p8[2]	256
t_FDD_BlendTblY_Uls_u8p8[3]	256
t_FDD_BlendTblY_Uls_u8p8[4]	256
t_FDD_BlendTblY_Uls_u8p8[5]	256
t_FDD_BlendTblY_Uls_u8p8[6]	256
t_FDD_BlendTblY_Uls_u8p8[7]	256
t_FDD_BlendTblY_Uls_u8p8[8]	256

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



ADDCoefCalc

Name	Input Value		
	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_Uls_u2p14[1]	16384		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	16384		
t_RIAstWIRBIndTbIY_Uls_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
ADDCoefCalc()	0.0500030518	0.0500030518 ± 0.00000009	

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

Test Step 1.3 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.80000019
VehicleSpeed_Kph_T_f32	12.3199997
WIRCmdAmpBlnd_MtrNm_T_f32	5.19999981
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
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]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
_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
	7373
DmpADDCoefX_MtrNm_u4p12[8]	7782
DmpADDCoefX_MtrNm_u4p12[9]	8192
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	523
E_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553

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Name

ADDCoefCalc()

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



Result

ADDCoefCalc	2010-10-20, 11.20.1910000	Razorcat
Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTblY_Uls_u8p8[2]	8	
t_FDD_BlendTblY_Uls_u8p8[3]	10	
t_FDD_BlendTblY_Uls_u8p8[4]	13	
t_FDD_BlendTblY_Uls_u8p8[5]	15	
t_FDD_BlendTblY_Uls_u8p8[6]	18	
t_FDD_BlendTblY_Uls_u8p8[7]	20	
t_FDD_BlendTblY_Uls_u8p8[8]	23	
t_FDD_BlendTblY_Uls_u8p8[9]	26	
t_FDD_BlendTblY_Uls_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_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	

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

0.0369348824 ± 0.00000009

Test Step 1.4 (Repeat Count = 1)	<u> </u>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.80000019
VehicleSpeed_Kph_T_f32	24
WIRCmdAmpBlnd_MtrNm_T_f32	6.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800

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



ADDOGETORIC		()	1000
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_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		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.013426058	0.013426058 ± 0.00000009	-
	<u> </u>		

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

Test Step 1.5 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	0
VehicleSpeed_Kph_T_f32	36.25
WIRCmdAmpBInd_MtrNm_T_f32	7.30000019
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924

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



Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpADDCoefX_MtrNm_u4p12[0]	12698		
t_DmpADDCoefX_MtrNm_u4p12[1]	13107		
t_DmpADDCoefX_MtrNm_u4p12[2]	13517		
t DmpADDCoefX MtrNm u4p12[3]	13926		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t DmpADDCoefX MtrNm u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
	16384		
t_DmpADDCoefX_MtrNm_u4p12[9]	885		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]			
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_BlendTbIY_Uls_u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	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]	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
	Tuluo		

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



Test Step 1.6 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	5.25
VehicleSpeed_Kph_T_f32	48.1199989
WIRCmdAmpBInd_MtrNm_T_f32	8.10000038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 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_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 1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 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] t_CmnVehSpd_Kph_u9p7[9]	1152 1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[2]	17613
t_DmpADDCoefX_MtrNm_u4p12[3]	18022
t_DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t_DmpADDCoefX_MtrNm_u4p12[6]	19251 19661
t_DmpADDCoefX_MtrNm_u4p12[7] t_DmpADDCoefX_MtrNm_u4p12[8]	20070
t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240 2387
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 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_BlendTbIY_Uls_u8p8[6]	28
t_FDD_BlendTblY_Uls_u8p8[7]	31
t_FDD_BlendTblY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0]	41 6554
t_RIAstWIRBIndTblY_UIs_u2p14[1]	8192
t_RIAstWIRBIndTblY_UIs_u2p14[2]	9830
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469





Name	Input Value			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107			
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050			
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075			
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126			
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152			
Name	Actual Value	Expected Value	Result	
ADDCoefCalc()	0.0174616091	0.0174616072 ± 0.00000009	✓	

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

Test Step 1.7 (Repeat Count = 1)	· ·
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-5.4499981
VehicleSpeed_Kph_T_f32	60
WIRCmdAmpBInd MtrNm T f32	5.19999981
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	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[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1212
	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	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[4]	3206
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4382
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774
C. 55_7550tatio1011_withinlptradpo_utilip17[5]	7117

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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	1.10000002	
VehicleSpeed_Kph_T_f32	72.3499985	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTbIYM_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t_CmnVehSpd_Kph_u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	24986	
t_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	

ADDCoefCalc



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_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]	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()	0.0107031446 0.0107031437 ± 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 1.9 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.20000005
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480



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N	Lance Malaca		
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
t_DmpADDCoefX_MtrNm_u4p12[1]	28672		
t_DmpADDCoefX_MtrNm_u4p12[2]	29082		
t_DmpADDCoefX_MtrNm_u4p12[3]	29491		
t_DmpADDCoefX_MtrNm_u4p12[4]	29901		
t_DmpADDCoefX_MtrNm_u4p12[5]	30310		
t_DmpADDCoefX_MtrNm_u4p12[6]	30720		
t_DmpADDCoefX_MtrNm_u4p12[7]	31130		
t_DmpADDCoefX_MtrNm_u4p12[8]	31539		
t_DmpADDCoefX_MtrNm_u4p12[9]	31949		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	20		
t_FDD_BlendTblY_Uls_u8p8[1]	23		
t_FDD_BlendTblY_Uls_u8p8[2]	26		
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTbIY_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_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]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0121170254	0.0121170264 ± 0.00000009	→

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

Test Step 1.10 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.29999995	
VehicleSpeed_Kph_T_f32	96.1399994	
WIRCmdAmpBlnd_MtrNm_T_f32	4.25	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	





Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2568		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032		
t2 FDD ADDRollingTbIYM 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 ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	4148		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t CmnVehSpd Kph u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t CmnVehSpd Kph u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t CmnVehSpd Kph u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t CmnVehSpd Kph u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
	24986		
t_DmpADDCoefX_MtrNm_u4p12[0]	25395		
t_DmpADDCoefX_MtrNm_u4p12[1]	25805		
t_DmpADDCoefX_MtrNm_u4p12[2]	26214		
t_DmpADDCoefX_MtrNm_u4p12[3] t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
	27034		
t_DmpADDCoefX_MtrNm_u4p12[5] t_DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
	28262		
t_DmpADDCoefX_MtrNm_u4p12[8] t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
	1789		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[1]	2130		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2471		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	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_ADDStaticToH_MtiNimpRadpS_um1p17[9]	4856		
t FDD BlendTblY Uls u8p8[0]	49		
t FDD BlendTblY Uls u8p8[1]	51		
	54		
t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3]	57		
t_FDD_BlendTblY_Uls_u8p8[4]	60		
	63		
t_FDD_BlendTblY_UIs_u8p8[5]			
t_FDD_BlendTblY_Uls_u8p8[6]	66		
t_FDD_BlendTblY_Uls_u8p8[7]	68		
t_FDD_BlendTblY_UIs_u8p8[8]	71		
t_FDD_BlendTblY_Uls_u8p8[9]			
t EDD BlandThIV Lile ugng(10)	74		
t_FDD_BlendTblY_UIs_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	77 80		
t_FDD_BlendTbIY_Uls_u8p8[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	77 80 4915		
t_FDD_BlendTbIY_UIs_u8p8[11] t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	77 80 4915 6554		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2]	77 80 4915 6554 8192		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3]	77 80 4915 6554 8192 9830		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4]	77 80 4915 6554 8192 9830 11469		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0]	77 80 4915 6554 8192 9830 11469 410		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0] t_WIRBIndTblX_MtrNm_u8p8[1]	77 80 4915 6554 8192 9830 11469 410		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0] t_WIRBIndTblX_MtrNm_u8p8[1] t_WIRBIndTblX_MtrNm_u8p8[2]	77 80 4915 6554 8192 9830 11469 410 435		
t_FDD_BlendTblY_Uls_u8p8[11] t_RlAstWlRBlndTblY_Uls_u2p14[0] t_RlAstWlRBlndTblY_Uls_u2p14[1] t_RlAstWlRBlndTblY_Uls_u2p14[2] t_RlAstWlRBlndTblY_Uls_u2p14[3] t_RlAstWlRBlndTblY_Uls_u2p14[4] t_WlRBlndTblX_MtrNm_u8p8[0] t_WlRBlndTblX_MtrNm_u8p8[1] t_WlRBlndTblX_MtrNm_u8p8[2] t_WlRBlndTblX_MtrNm_u8p8[3]	77 80 4915 6554 8192 9830 11469 410 435 461 486		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0] t_WIRBIndTblX_MtrNm_u8p8[1] t_WIRBIndTblX_MtrNm_u8p8[2] t_WIRBIndTblX_MtrNm_u8p8[3] t_WIRBIndTblX_MtrNm_u8p8[4]	77 80 4915 6554 8192 9830 11469 410 435 461 486	Towardad Volum	
t_FDD_BlendTblY_Uls_u8p8[11] t_RlAstWlRBlndTblY_Uls_u2p14[0] t_RlAstWlRBlndTblY_Uls_u2p14[1] t_RlAstWlRBlndTblY_Uls_u2p14[2] t_RlAstWlRBlndTblY_Uls_u2p14[3] t_RlAstWlRBlndTblY_Uls_u2p14[4] t_WlRBlndTblX_MtrNm_u8p8[0] t_WlRBlndTblX_MtrNm_u8p8[1] t_WlRBlndTblX_MtrNm_u8p8[2] t_WlRBlndTblX_MtrNm_u8p8[3]	77 80 4915 6554 8192 9830 11469 410 435 461 486	Expected Value 0.0130879926 ± 0.00000009	Result

ADDCoefCalc



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

Test Step 1.11 (Repeat Count = 1)	· · · · · · · · ·	
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.39999998	
/ehicleSpeed_Kph_T_f32	0	
VIRCmdAmpBInd_MtrNm_T_f32	1.10000002	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302	
2_FDD_ADDRollingTblYM_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471	
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2811	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152	
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3493	
P_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	
_CmnVehSpd_Kph_u9p7[0]	5248	
_CmnVehSpd_Kph_u9p7[1]	5376	
CmnVehSpd_Kph_u9p7[2]	5504	
CmnVehSpd_Kph_u9p7[3]	5632	
CmnVehSpd_Kph_u9p7[4]	5760	
_CmnVehSpd_Kph_u9p7[5]	5888	
_CmnVehSpd_Kph_u9p7[6]	6016	
_CmnVehSpd_Kph_u9p7[7]	6144	
_CmnVehSpd_Kph_u9p7[8]	6272	
_CmnVehSpd_Kph_u9p7[9]	6400	
_CmnVehSpd_Kph_u9p7[10]	6528	
_CmnVehSpd_Kph_u9p7[11]	6656	
_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	
_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_BlendTblY_Uls_u8p8[0]	65	
_FDD_BlendTblY_Uls_u8p8[1]	68	
_FDD_BlendTblY_Uls_u8p8[2]	70	
_FDD_BlendTblY_Uls_u8p8[3]	73	
_FDD_BlendTblY_Uls_u8p8[4]	75	
_FDD_BlendTblY_Uls_u8p8[5]	78	
_FDD_BlendTbIY_Uls_u8p8[6]	80	
_FDD_BlendTblY_Uls_u8p8[7]	83	
_FDD_BlendTbIY_Uls_u8p8[8]	86	

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



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_UIs_u2p14[0]	6554		
t_RIAstWIRBindTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417164806	0.00417164806 ± 0.000000009	

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

T4-04 4.40 (D4-04-1)	
Test Step 1.12 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	511.992188
WIRCmdAmpBInd_MtrNm_T_f32	1.20000005
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t CmnVehSpd Kph u9p7[0]	3968
t CmnVehSpd Kph u9p7[1]	4096
t CmnVehSpd Kph u9p7[2]	4224
t CmnVehSpd Kph u9p7[3]	4352
t CmnVehSpd Kph u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t CmnVehSpd Kph u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t DmpADDCoefX MtrNm u4p12[5]	6554
t DmpADDCoefX MtrNm u4p12[6]	6963
t DmpADDCoefX MtrNm u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t DmpADDCoefX MtrNm u4p12[9]	8192
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	1024
	102.1

ADDCoefCalc



Nama	Innut Value		
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_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0185419321	0.0185419321 ± 0.00000009	~

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

Input Value		
BaseAssistCmd_MtrNm_T_f32	Test Step 1.13 (Repeat Count = 1)	
VehicleSpeed, Kph, T_132 100.209999 WIRCmdAmpBind, Mirkm_T_132 1.2999995 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[0] 1608 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[1] 2032 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[2] 2455 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[3] 2878 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[5] 3725 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[6] 4148 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[8] 4995 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(0)[9] 5419 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[9] 5419 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[9] 1789 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[1] 2130 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[1] 2130 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[2] 2471 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[3] 2811 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 3834 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[6] 3834 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8] 4515 12_FDD_ADDRollingTbYM_MirkmpRadpS_um1p17(1)[8]		
WIRCmdAmpBind_MINm_T_G2	BaseAssistCmd_MtrNm_T_f32	1.60000002
12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][0] 1608 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][1] 2032 2455 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][2] 2455 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][3] 2878 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][4] 3302 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][6] 4148 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][6] 4148 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][7] 4572 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][8] 4995 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][9] 5419 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[0][9] 5419 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][0] 1789 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][1] 2130 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][1] 2130 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][3] 2811 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][3] 2811 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][4] 3152 12_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][6] 3493 3493 2_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][6] 3493 3493 2_FDD_ADDRollingTb1VM_MtrNmpRadpS_um1p17[1][6] 3493	VehicleSpeed_Kph_T_f32	100.209999
12_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][1] 2032 2455 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][2] 2455 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][3] 2878 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][4] 3302 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][5] 3725 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][6] 4148 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][6] 4148 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][7] 4572 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][8] 4995 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[0][9] 5419 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][1] 2130 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][1] 2130 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][1] 2471 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][3] 2811 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][3] 2811 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][3] 2811 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][6] 3493 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][7] 4175 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][7] 4175 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][7] 4175 22_FDD_ADDRollingTblYM_MtNmpRadpS_um1p17[1][9] 4856 22_FDD_ADDRollingTblY	WIRCmdAmpBInd_MtrNm_T_f32	1.2999995
12	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1608
12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[0][3] 2878 12_FDD_ADDRollingTb/YM_MtrNmpRadpS_um1p17[0][4] 3302 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][6] 3725 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][7] 4572 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][8] 4995 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][9] 5419 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][0] 1789 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][1] 2130 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][1] 2130 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][3] 2811 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][4] 3152 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 3493 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 3834 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 3834 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 3834 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][8] 4515 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][8] 4515 12_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][9] 4856 1_CmnVehSpd_Kph_u9p7[0] 128 1_CmnVehSpd_Kph_u9p7[1] 256 1_CmnVehSpd_Kph_u9p7[3] 51	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2032
IZ_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[4] 3302 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[6] 3725 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[6] 4148 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[7] 4572 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(0)[8] 4995 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[0] 5419 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[0] 1789 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[1] 2130 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[2] 2471 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[3] 2811 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[4] 3152 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[6] 3493 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[6] 3834 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[6] 3834 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4515 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4516 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4516 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4516 t2_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4516 t2_FDD_ADPRollingTb\YM_MtrNmpRadpS_um1p17(1)[8] 4516	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 3725 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 4148 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 5419 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 1789 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2130 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2471 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2811 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3152 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3493 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 L_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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 4572 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 5419 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 1789 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2130 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2471 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3152 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3493 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[3] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3725
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)[6] 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)[8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17(1)[9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
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][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[1] 384 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] 1789 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] 2130 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2] 2471 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] 2811 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] 3152 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 3493 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 3834 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 4175 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4515 12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] 4856 1_CmnVehSpd_Kph_u9p7[0] 128 1_CmnVehSpd_Kph_u9p7[1] 256 1_CmnVehSpd_Kph_u9p7[2] 384 1_CmnVehSpd_Kph_u9p7[3] 512 1_CmnVehSpd_Kph_u9p7[4] 640 1_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
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][8] 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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2471 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2811 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3152 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3493 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2811 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3152 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3493 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][4] 3152 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][5] 3493 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTb!YM_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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3493 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3834 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4175 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4515 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 4856 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
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	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
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[0]	128
t_CmnVehSpd_Kph_u9p7[3] 512 t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[4] 640 t_CmnVehSpd_Kph_u9p7[5] 768	t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[5] 768	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[6]	896
t_CmnVehSpd_Kph_u9p7[7] 1024	t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8] 1152	t_CmnVehSpd_Kph_u9p7[8]	1152

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



ADDOGETORIC			
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTblY_Uls_u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	121		
t_FDD_BlendTblY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTblY_Uls_u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.00872414559	0.00872414559 ± 0.000000009	-
*			

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 1.14 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.70000005
VehicleSpeed_Kph_T_f32	108
WIRCmdAmpBInd_MtrNm_T_f32	1.39999998
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494

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



Nama	Innut Value		
Name t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	Input Value 661		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	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_ADDRollingTbIYM_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_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_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)	🗸
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.7999995
VehicleSpeed_Kph_T_f32	120.139999
WIRCmdAmpBind_MtrNm_T_f32	1.5
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	994 1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2387 2728
tz_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9]	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
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045 36045
t_DmpADDCoefX_MtrNm_u4p12[7] t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692 1793
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193 195
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBindTblY_Uls_u2p14[0]	4915
(_1(//.00711/.Dilid lbi1_0i3_u2p14[0]	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554
t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192





Name	Input Value		
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		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00286007137	0.0028600709 ± 0.000000009	✓

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

Test Step 1.16 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.8999998
VehicleSpeed_Kph_T_f32	132
WIRCmdAmpBInd_MtrNm_T_f32	1.60000002
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTbIYM_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
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
_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
 _DmpADDCoefX_MtrNm_u4p12[1]	9011
t DmpADDCoefX MtrNm u4p12[2]	9421
: 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
:_DmpADDCoefX_MtrNm_u4p12[8]	11878
t DmpADDCoefX MtrNm u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1212
t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	1359
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1506
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1653
	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387

ADDCoefCalc

ADDCoefCalc()

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



0.00236540195 ± 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_RIAstWIRBIndTblY_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]	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				✓
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	1.70000005
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734

ADDCoefCalc



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_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0327785164	0.0327785164 ± 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 1.18 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.119995
WIRCmdAmpBlnd_MtrNm_T_f32	1.79999995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t CmnVehSpd Kph u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t CmnVehSpd Kph u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
	9830		
t_DmpADDCoefX_MtrNm_u4p12[3]	10240		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5] t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value E	xpected Value	Result
ADDCoefCalc()		.00810782332 ± 0.000000009	rtooun

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	
WIRCmdAmpBInd_MtrNm_T_f32	1.8999998	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	





Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]	2583		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t CmnVehSpd Kph u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	12698		
t_DmpADDCoefX_MtrNm_u4p12[1]	13107		
t_DmpADDCoefX_MtrNm_u4p12[2]	13517		
t_DmpADDCoefX_MtrNm_u4p12[3]	13926		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RiAstWiRBindTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
	1536		
t_WIRBIndTbIX_MtrNm_u8p8[4]			1_
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00480917655	0.00480917608 ± 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	180.210007	
WIRCmdAmpBlnd_MtrNm_T_f32	2	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
t_CmnVehSpd_Kph_u9p7[5]	11008	
t_CmnVehSpd_Kph_u9p7[6]	11136	
t_CmnVehSpd_Kph_u9p7[7]	11264	
t_CmnVehSpd_Kph_u9p7[8]	11392	
t_CmnVehSpd_Kph_u9p7[9]	11520	
t_CmnVehSpd_Kph_u9p7[10]	11648	
t_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	16794	
t_DmpADDCoefX_MtrNm_u4p12[1]	17203	
t_DmpADDCoefX_MtrNm_u4p12[2]	17613	
t_DmpADDCoefX_MtrNm_u4p12[3]	18022	
t_DmpADDCoefX_MtrNm_u4p12[4]	18432	
t_DmpADDCoefX_MtrNm_u4p12[5]	18842	
t_DmpADDCoefX_MtrNm_u4p12[6]	19251	
t_DmpADDCoefX_MtrNm_u4p12[7]	19661	
t_DmpADDCoefX_MtrNm_u4p12[8]	20070	
t_DmpADDCoefX_MtrNm_u4p12[9]	20480	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
t_FDD_BlendTblY_Uls_u8p8[0]	13	
t_FDD_BlendTblY_Uls_u8p8[1]	15	
t_FDD_BlendTblY_Uls_u8p8[2]	18	
t_FDD_BlendTblY_Uls_u8p8[3]	20	
t_FDD_BlendTblY_Uls_u8p8[4]	23	
t_FDD_BlendTblY_Uls_u8p8[5]	26	
t_FDD_BlendTblY_Uls_u8p8[6]	28	
t_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTblY_Uls_u8p8[8]	33	

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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_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_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		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00464858953	0.00464858999 ± 0.000000009	

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

Test Step 1.21 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-4
VehicleSpeed Kph T f32	192
WIRCmdAmpBInd_MtrNm_T_f32	2.0999999
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	1024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t_DmpADDCoefX_MtrNm_u4p12[3]	22118
t_DmpADDCoefX_MtrNm_u4p12[4]	22528
t_DmpADDCoefX_MtrNm_u4p12[5]	22938 23347
t_DmpADDCoefX_MtrNm_u4p12[6]	23347
t_DmpADDCoefX_MtrNm_u4p12[7]	24166
t_DmpADDCoefX_MtrNm_u4p12[8]	24166
t_DmpADDCoefX_MtrNm_u4p12[9] t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
LI DD_NDDG(atterbit_withwithhytaupo_utility1/[2]	1001

ADDCoefCalc



Name	Input Value		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1188		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	1288		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t_FDD_BlendTblY_Uls_u8p8[0]	15		
t_FDD_BlendTblY_Uls_u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t_FDD_BlendTblY_Uls_u8p8[4]	26		
t_FDD_BlendTblY_Uls_u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t_FDD_BlendTblY_Uls_u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_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	0.00929849967 ± 0.000000009	~

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

Test Step 1.22 (Repeat Count = 1)	,
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-5
VehicleSpeed Kph T f32	204
WIRCmdAmpBlnd MtrNm T f32	2.20000005
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992

ADDCoefCalc



Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t DmpADDCoefX MtrNm u4p12[0]	24986		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t DmpADDCoefX MtrNm u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t DmpADDCoefX MtrNm u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t DmpADDCoefX MtrNm u4p12[9]	28672		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	161		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	494		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	994		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[8]	1493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659		
t_FDD_BlendTblY_Uls_u8p8[0]	18		
t FDD BlendTblY Uls u8p8[1]	20		
t_FDD_BlendTblY_Uls_u8p8[2]	23		
t_FDD_BlendTblY_Uls_u8p8[3]	26		
t FDD BlendTblY Uls u8p8[4]	28		
t_FDD_BlendTblY_Uls_u8p8[5]	31		
t_FDD_BlendTblY_Uls_u8p8[6]	33		
t FDD BlendTblY Uls u8p8[7]	36		
t FDD BlendTblY Uls u8p8[8]	38		
t FDD BlendTblY Uls u8p8[9]	41		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t RIAstWIRBIndTblY Uls u2p14[1]	9830		
t RIAstWIRBIndTbIY UIs u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uis_u2p14[3]	13107		
t RIAstWIRBIndTbIY UIs u2p14[4]	14746		
t_WIRBIndTbIX_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	Result
ADDCoefCalc()	0.00246831775	0.00246831798 ± 0.000000009	Nesuit

Tes	est Step Call Trace			•	,	
Acti	ual Function	Count	Expected Function	Count	Resul	t
Intpl	VarXY u16 u16Xu16Y Cnt	5	IntolVarXY u16 u16Xu16Y Cnt	5		-

Test Step 1.23 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-6	
VehicleSpeed_Kph_T_f32	216.25	
WIRCmdAmpBInd_MtrNm_T_f32	2.29999995	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1034	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1254	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364	
t2_FDD_ADDRollingTbIYM_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	

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



Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583 3099		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3614		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	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]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
t_DmpADDCoefX_MtrNm_u4p12[1]	28672		
t_DmpADDCoefX_MtrNm_u4p12[2]	29082		
t_DmpADDCoefX_MtrNm_u4p12[3]	29491		
t_DmpADDCoefX_MtrNm_u4p12[4]	29901		
t_DmpADDCoefX_MtrNm_u4p12[5]	30310		
t_DmpADDCoefX_MtrNm_u4p12[6]	30720		
t_DmpADDCoefX_MtrNm_u4p12[7]	31130		
t_DmpADDCoefX_MtrNm_u4p12[8]	31539		
t_DmpADDCoefX_MtrNm_u4p12[9]	31949		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]			
t_FDD_BlendTblY_Uls_u8p8[0] t FDD BlendTblY Uls u8p8[1]	20 23		
t FDD BlendTblY Uls u8p8[2]	26		
	28		
t_FDD_BlendTblY_Uls_u8p8[3] t_FDD_BlendTblY_Uls_u8p8[4]	31		
	33		
t_FDD_Blend1blY_Uls_u8p8[5] 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_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBindTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00100163568	0.00100163603 ± 0.000000009	~

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





Test Step 1.24 (Repeat Count = 1)	· ·
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-7
VehicleSpeed_Kph_T_f32	228.25
WIRCmdAmpBlnd_MtrNm_T_f32	2.4000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1188 1288
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTbIYM_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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1254 1364
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240 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]	6144
t_DmpADDCoefX_MtrNm_u4p12[5] 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 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554
t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	49
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTblY_Uls_u8p8[4]	60
t_FDD_BlendTblY_Uls_u8p8[5]	63
t_FDD_BlendTblY_Uls_u8p8[6]	66
t_FDD_BlendTblY_Uls_u8p8[7]	68
t_FDD_BlendTblY_Uls_u8p8[8]	71 74
t_FDD_BlendTblY_Uls_u8p8[9] t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
	3277
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277 4915
t_RIAstWIRBIndTblY_Uls_u2p14[0]	

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





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	0.0386052094 ± 0.00000009	~

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

Test Step 1.25 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-8	
VehicleSpeed_Kph_T_f32	240	
WIRCmdAmpBlnd_MtrNm_T_f32	2.5	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793	
_CmnVehSpd_Kph_u9p7[0]	6784	
CmnVehSpd_Kph_u9p7[1]	6912	
CmnVehSpd_Kph_u9p7[2]	7040	
CmnVehSpd_Kph_u9p7[3]	7168	
CmnVehSpd_Kph_u9p7[4]	7296	
_CmnVehSpd_Kph_u9p7[5]	7424	
CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
_CmnVehSpd_Kph_u9p7[9]	7936	
_CmnVehSpd_Kph_u9p7[10]	8064	
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	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	
	11878	
	12288	
	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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	3068	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	

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



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_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_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]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0226821322	0.0226821322 ± 0.00000009	~

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

Test Step 1.26 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3	
VehicleSpeed_Kph_T_f32	252.240005	
WIRCmdAmpBlnd_MtrNm_T_f32	2.5999999	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
t_DmpADDCoefX_MtrNm_u4p12[2]	13517	
t_DmpADDCoefX_MtrNm_u4p12[3]	13926	

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



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_ADDStaticTbIY_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_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_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	0.0104283169 ± 0.00000009	~

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

Test Step 1.27 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	4
VehicleSpeed_Kph_T_f32	264
WIRCmdAmpBlnd_MtrNm_T_f32	2.70000005
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTbIYM_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

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



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		
	20070		
t_DmpADDCoefX_MtrNm_u4p12[8]			
t_DmpADDCoefX_MtrNm_u4p12[9]	20480		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTblY_Uls_u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	121		
t_FDD_BlendTblY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTbIY_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_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
	Actual Value	Exposiou Tuiuo	resuit

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

Test Step 1.28 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	5	
VehicleSpeed_Kph_T_f32	276.140015	
WIRCmdAmpBlnd_MtrNm_T_f32	2.79999995	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878	

ADDCoefCalc

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



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 ADDCoefCalc() 0.0118969213 ± 0.00000009 0.0118969213





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)	Innut Value	
Name BaseAssistCmd MtrNm T f32	Input Value 6	
BaseAssistCmd_mtrnm_1_132 VehicleSpeed_Kph_T_f32	288	
WIRCmdAmpBlnd_MtrNm_T_f32	2.9000001	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152	
t2_FDD_ADDRollingTbIYM_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] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3302 3725	
t2_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRoilingTblYM_MtrNmpRadpS_um1p17[1][6]	4148	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 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 25395	
t_DmpADDCoefX_MtrNm_u4p12[1] t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	
t DmpADDCoefX MtrNm u4p12[4]	26624	
t DmpADDCoefX MtrNm u4p12[5]	27034	
t DmpADDCoefX MtrNm u4p12[6]	27443	
t_DmpADDCoefX_MtrNm_u4p12[7]	27853	
t_DmpADDCoefX_MtrNm_u4p12[8]	28262	
t_DmpADDCoefX_MtrNm_u4p12[9]	28672	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
t_FDD_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4175 4515	
t_FDD_ADDStaticTbtY_MtrNmpRadpS_um1p17[6]	4856	
t_FDD_ADDStaticToff_MithInfpRadps_diff[pf7[9]] 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	

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



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_RIAstWIRBIndTblY_Uls_u2p14[0]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0136489868	0.0136489868 ± 0.00000009	

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

Test Step 1.30 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	7
VehicleSpeed_Kph_T_f32	300.25
WIRCmdAmpBInd_MtrNm_T_f32	3.20000005
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	10368
t CmnVehSpd Kph u9p7[1]	10496
t CmnVehSpd Kph u9p7[2]	10624
t CmnVehSpd Kph u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t CmnVehSpd Kph u9p7[10]	11648
t CmnVehSpd Kph u9p7[11]	11776
t_DmpADDCoefX_MtrNm_u4p12[0]	28262
t DmpADDCoefX MtrNm u4p12[1]	28672
t_DmpADDCoefX_MtrNm_u4p12[2]	29082
t_DmpADDCoefX_MtrNm_u4p12[3]	29491
t_DmpADDCoefX_MtrNm_u4p12[4]	29901
t DmpADDCoefX MtrNm u4p12[5]	30310
t_DmpADDCoefX_MtrNm_u4p12[6]	30720
t_DmpADDCoefX_MtrNm_u4p12[7]	31130
t DmpADDCoefX MtrNm u4p12[8]	31539
t DmpADDCoefX MtrNm u4p12[9]	31949
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494

 $t_WIRBIndTbIX_MtrNm_u8p8[3]$

t_WIRBIndTblX_MtrNm_u8p8[4]

Name

ADDCoefCalc()

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





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

Actual Value

0.0155524611

Expected Value

0.0155524611 ± 0.00000009

614

640

Test Step 1.31 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8
VehicleSpeed_Kph_T_f32	312
WIRCmdAmpBlnd_MtrNm_T_f32	3.099999
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272

Result

ADDCoefCalc

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



Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpADDCoefX_MtrNm_u4p12[0]	4506		
t_DmpADDCoefX_MtrNm_u4p12[1]	4915		
t_DmpADDCoefX_MtrNm_u4p12[2]	5325		
t_DmpADDCoefX_MtrNm_u4p12[3]	5734		
t_DmpADDCoefX_MtrNm_u4p12[4]	6144		
t_DmpADDCoefX_MtrNm_u4p12[5]	6554		
t_DmpADDCoefX_MtrNm_u4p12[6]	6963		
t_DmpADDCoefX_MtrNm_u4p12[7]	7373		
t_DmpADDCoefX_MtrNm_u4p12[8]	7782		
t_DmpADDCoefX_MtrNm_u4p12[9]	8192		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	15		
t_FDD_BlendTblY_Uls_u8p8[1]	18		
t_FDD_BlendTblY_Uls_u8p8[2]	20		
t_FDD_BlendTblY_Uls_u8p8[3]	23		
t_FDD_BlendTblY_Uls_u8p8[4]	26		
t_FDD_BlendTblY_Uls_u8p8[5]	28		
t_FDD_BlendTblY_Uls_u8p8[6]	31		
t_FDD_BlendTblY_Uls_u8p8[7]	33		
t_FDD_BlendTblY_Uls_u8p8[8]	36		
t_FDD_BlendTblY_Uls_u8p8[9]	38		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_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		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0253202002	0.0253202002 ± 0.00000009	_

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	324.140015	
WIRCmdAmpBInd_MtrNm_T_f32	3.20000005	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024	

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



Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2046		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	2387		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	2728		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	3068		
t2_FDD_ADDRollingTbIYM_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 12288		
t_DmpADDCoefX_MtrNm_u4p12[9]	161		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] t_FDD_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	994		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1160		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1326		
t_FDD_ADDStaticTbIY_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]			
	141		
t_FDD_BlendTblY_Uls_u8p8[11]	141 144		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0]	141 144 1638		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBlndTblY_Uls_u2p14[0] t_RIAstWIRBlndTblY_Uls_u2p14[1]	141 144 1638 3277 4915 6554		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2]	141 144 1638 3277 4915		
t_FDD_BlendTblY_UIs_u8p8[11] t_RIAstWIRBIndTblY_UIs_u2p14[0] t_RIAstWIRBIndTblY_UIs_u2p14[1] t_RIAstWIRBIndTblY_UIs_u2p14[2] t_RIAstWIRBIndTblY_UIs_u2p14[3]	141 144 1638 3277 4915 6554		
t_FDD_BlendTblY_UIs_u8p8[11] t_RIAstWIRBIndTblY_UIs_u2p14[0] t_RIAstWIRBIndTblY_UIs_u2p14[1] t_RIAstWIRBIndTblY_UIs_u2p14[2] t_RIAstWIRBIndTblY_UIs_u2p14[3] t_RIAstWIRBIndTblY_UIs_u2p14[4]	141 144 1638 3277 4915 6554 8192		
t_FDD_BlendTblY_Uls_u8p8[11] t_RlAstWlRBlndTblY_Uls_u2p14[0] t_RlAstWlRBlndTblY_Uls_u2p14[1] t_RlAstWlRBlndTblY_Uls_u2p14[2] t_RlAstWlRBlndTblY_Uls_u2p14[3] t_RlAstWlRBlndTblY_Uls_u2p14[4] t_WlRBlndTblY_Uls_u2p14[4] t_WlRBlndTblX_MtrNm_u8p8[0]	141 144 1638 3277 4915 6554 8192 1050		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0] t_WIRBIndTblX_MtrNm_u8p8[1] t_WIRBIndTblX_MtrNm_u8p8[2] t_WIRBIndTblX_MtrNm_u8p8[3]	141 144 1638 3277 4915 6554 8192 1050 1075 1101		
t_FDD_BlendTbIY_UIs_u8p8[11] 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]	141 144 1638 3277 4915 6554 8192 1050 1075		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2] t_RIAstWIRBIndTblY_Uls_u2p14[3] t_RIAstWIRBIndTblY_Uls_u2p14[4] t_WIRBIndTblX_MtrNm_u8p8[0] t_WIRBIndTblX_MtrNm_u8p8[1] t_WIRBIndTblX_MtrNm_u8p8[2] t_WIRBIndTblX_MtrNm_u8p8[3]	141 144 1638 3277 4915 6554 8192 1050 1075 1101	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 1.33 (Repeat Count = 1)	√
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBlnd_MtrNm_T_f32	3.29999995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	924 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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1553 2068
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]	2583
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4]	32640 32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1] t DmpADDCoefX_MtrNm_u4p12[2]	13107 13517
t DmpADDCoefX MtrNm u4p12[3]	13926
t DmpADDCoefX MtrNm u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6]	15155
t_DmpADDCoefX_MtrNm_u4p12[7]	15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t_DmpADDCoefX_MtrNm_u4p12[9]	16384
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	328
t_FDD_ADDStatic1blY_MtrNmpRadpS_um1p17[2] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	494 661
t_FDD_ADDStaticToff_mininfpraupS_um1p17[3] t_FDD_ADDStaticTbfy_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2] t_FDD_BlendTblY_Uls_u8p8[3]	176 178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277 4915
t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554
t_RiAstWiRBindTbiY_Uis_u2p14[3]	8192
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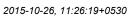




Name	Input Value		
	•		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417356379	0.00417356379 ± 0.000000009	

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

Test Step 1.34 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	2.900001
VehicleSpeed_Kph_T_f32	348.140015
WIRCmdAmpBInd_MtrNm_T_f32	3.400001
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[0][0]	704
	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	924
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1034
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_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_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_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	0.00614841701 ± 0.000000009	~

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

Test Step 1.35 (Repeat Count = 1)	→
Name	Input Value
BaseAssistCmd MtrNm T f32	3,7000005
VehicleSpeed Kph T f32	360
WIRCmdAmpBlnd MtrNm T f32	3.5
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1066
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1212
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]	1288
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t_DmpADDCoefX_MtrNm_u4p12[3]	22118
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ADDCoefCalc

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



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_BlendTbIY_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_BlendTbIY_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_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_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]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00399017334	0.00399017287 ± 0.000000009	<u> </u>

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)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3.69000006
VehicleSpeed_Kph_T_f32	372.140015
WIRCmdAmpBlnd_MtrNm_T_f32	3.5999999
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

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



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		
	28262		
t_DmpADDCoefX_MtrNm_u4p12[8]	28672		
t_DmpADDCoefX_MtrNm_u4p12[9]			
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704 814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]			
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_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00827023014	0.00827023014 ± 0.000000009	*

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

Test Step 1.37 (Repeat Count = 1)		✓
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9000001	
VehicleSpeed_Kph_T_f32	384.25	
WIRCmdAmpBInd_MtrNm_T_f32	3.70000005	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	

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





Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568		
t2_FDD_ADDRollingTbIYM_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		
	2422		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]			
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t CmnVehSpd Kph u9p7[4]	13312		
t CmnVehSpd Kph u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
	28672		
t_DmpADDCoefX_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_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t FDD BlendTblY Uls u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	121		
t_FDD_BlendTblY_Uls_u8p8[3]	123		
t_FDD_BlendTblY_Uls_u8p8[4]	126		
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTblY_Uls_u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]			
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
	742		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742 768		
t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	768	Emand Mc	-
t_WIRBIndTbIX_MtrNm_u8p8[3]		Expected Value 0.00845662132 ± 0.000000009	Resul

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



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, 11:34:46+0530



FilterCoefCalc

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia

Test Object FilterCoefCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract -I\$(PROJECTROOT)\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp \I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\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	
Name	Text
Module 'FDD_Inertia'	**************************************
	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
	Total CALS used (bytes),326 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 rur 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 of and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 1
	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"", ""GenFddlcCmc for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".
	······································

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



Test Case 1: Boundary Test

Specification

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

CPU Cycles: 1239.00 Cycles 1283.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1251.00 Cycles TS1.1 TS1.2 TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 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 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 TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23

TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31

TS1.32 TS1.33

Description

Test Vector Description

TS1.1All min TS1.2All max

TS1.3ADDCoef MtrNmSpRad T f32 = min

TS1.3ADDCoef_MtrNmSpRad_T_f32 = min
TS1.3ADDCoef_MtrNmSpRad_T_f32 = max
TS1.5ADDCoef_MtrNmSpRad_T_f32 = pos
TS1.6VehicleSpeed2_Kph_T_f32 = min
TS1.7VehicleSpeed2_Kph_T_f32 = max
TS1.8VehicleSpeed2_Kph_T_f32 = max
TS1.8VehicleSpeed2_Kph_T_f32 = pos
TS1.9WIRCmdAmpBInd1_MtrNm_T_f32 = min
TS1.10WIRCmdAmpBInd1_MtrNm_T_f32 = max
TS1.11WIRCmdAmpBInd1_MtrNm_T_f32 = pos
TS1.12t_CmnVehSpd_Kph_u9p7[12] = min
TS1.13t_CmnVehSpd_Kph_u9p7[12] = min
TS1.14t_CmnVehSpd_Kph_u9p7[12] = pos
TS1.14t_CmnVehSpd_Kph_u9p7[12] = pos
TS1.15t2_FDD_FreqTbIYM1_Hz_u12p4[12] = min
TS1.16t2_FDD_FreqTbIYM1_Hz_u12p4[12] = max
TS1.17t2_FDD_FreqTbIYM1_Hz_u12p4[12] = pos
TS1.18t2_FDD_FreqTbIYM2_Hz_u12p4[12] = min
TS1.19t2_FDD_FreqTbIYM2_Hz_u12p4[12] = max
TS1.20t2_FDD_FreqTbIYM2_Hz_u12p4[12] = max
TS1.20t2_FDD_FreqTbIYM2_Hz_u12p4[12] = max

TS1.19t2_FDD_FreqTblYM2_Hz_u12p4[12] = max
TS1.20t2_FDD_FreqTblYM2_Hz_u12p4[12] = pos
TS1.20t1_FDD_FreqTblYM2_Hz_u12p4[12] = pos
TS1.21t_WIRBIndTblX_MtrNm_u8p8[5] = min
TS1.22t_WIRBIndTblX_MtrNm_u8p8[5] = pos
TS1.23t_WIRBIndTblX_MtrNm_u8p8[5] = pos
TS1.24t_DmpFilttkpWIRBIndY_Uls_u2p14[5] = min
TS1.25t_DmpFilttkpWIRBIndY_Uls_u2p14[5] = max
TS1.26t_DmpFilttkpWIRBIndY_Uls_u2p14[5] = pos
TS1.27t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = min
TS1.28t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = max
TS1.29t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] = pos
TS1.30k_InrtCmp_MtrInertia_KomSo_f32 = min

TS1.30k_InrtCmp_MtrInertia_KgmSq_f32 = min TS1.31k_InrtCmp_MtrInertia_KgmSq_f32 = max TS1.32k_InrtCmp_MtrInertia_KgmSq_f32 = pos

TS1.33k_InrtCmp_MtrInertia_KgmSq_f32 = default

Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0	
VehicleSpeed_Kph_T_f32	0	
WIRCmdAmpBInd_MtrNm_T_f32	0	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-006	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16	

2015-10-26, 11:34:46+0530



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		
	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]			
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTblX_MtrNm_u8p8[0]	0		
t_WIRBIndTblX_MtrNm_u8p8[1]	0		
t WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t WIRBIndTbiX_MtrNm_u8p8[4]	0		
	Actual Value	Evanated Value	Descrit
Name		Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0	0 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989252	3.94989252 ± 0.000009	*
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.99968433 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.05042362 ± 0.000009	✓

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

Test Step 1.2 (Repeat Count = 1)		✓
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0.0413060002	
VehicleSpeed_Kph_T_f32	511.992188	
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	

2015-10-26, 11:34:46+0530



Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	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]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t InrtCmp ScaleFactorTblY UIs u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	384		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	384		
_ :=			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	2048		
t_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	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.74156213 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.41111398 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588463 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.84172678 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852	10.6056852 ± 0.00009	

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





Test Step 1.3 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd MtrNm T f32	100.019997 2.5		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48		
t2 FDD FreqTblYM Hz u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0]	208 128		
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] t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	1638 3277		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9]	115 128		
t_InrtCmp_ScaleFactorTblY_Uis_u9p7[9] t_InrtCmp_ScaleFactorTblY_Uis_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
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		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00059381465	-0.000593814999 ± 0.0000000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00059381465	0.000593814999 ± 0.0000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	3.39635515 -7.95065212	3.39635539 ± 0.000009 -7.95065212 ± 0.000009	

2015-10-26, 11:34:46+0530



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		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	144		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	160		
	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]			
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_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_WIRBIndTblX_MtrNm_u8p8[1]	563		
	589		
t_WIRBIndTbIX_MtrNm_u8p8[2]			
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	
	1		

2015-10-26, 11:34:46+0530



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_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	3.999999e-005 48		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] 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_FreqTbIYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128 144		
t2_FDD_FreqTblYM_Hz_u12p4[1][5] 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 8064		
t_CmnVehSpd_Kph_u9p7[10] 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]	154 166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
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	-0.0846711174	-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	

2015-10-26, 11:34:46+0530



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)	1		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0010000005		
VehicleSpeed_Kph_T_f32 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		
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]	192 208		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224		
t2_FDD_FreqTbIYM_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]	224 240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]	1408 1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_UIs_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]	128 141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	-0.00400001789	-0.00400001789 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00800000038	0.00800000038 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00399998249	-0.00399998203 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.76236439	3.76236463 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.99272346 ± 0.000009	

2015-10-26, 11:34:46+0530



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	0.0020000009		
VehicleSpeed_Kph_T_f32	511.992188		
WIRCmdAmpBInd_MtrNm_T_f32	5.5		
filtCoef_Uls_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]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160 176		
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_FreqTbIYM_Hz_u12p4[0][9] t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96		
	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	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	

2015-10-26, 11:34:46+0530



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)	Invest Walne		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0030000003 255.25		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	3.5999999		
filtCoef Uls T Str	tgt_filtCoef_UIs_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_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224 240		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	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] t2_FDD_FreqTblYM_Hz_u12p4[1][10]	480 496		
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] t_CmnVehSpd_Kph_u9p7[11]	14080 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_UIs_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] t InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230 243		
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resul
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_UIs_T_Str.b2_UIs_f32	-0.00150107313	-0.00150107383 ± 0.0000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	3.12415075	3.12415075 ± 0.000009	
nor miscoer cus i ou at cus taz	-7.89191246	-7.89191246 ± 0.000009	, , , , , , , , , , , , , , , , , , ,

2015-10-26, 11:34:46+0530



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 0		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str	tgt_filtCoef_Uls_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_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	688 704		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3] t2_FDD_FreqTbIYM_Hz_u12p4[1][4]	704		
t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2 FDD FreqTblYM Hz u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384 16512		
t_CmnVehSpd_Kph_u9p7[8] t CmnVehSpd Kph u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294 307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_InrtCmp_ScaleFactor1btY_Uis_usp7[11] t_WIRBIndTblX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0280437507	-0.0280437469 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0320000015	0.0320000015 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00395625085	-0.00395625317 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84204841	2.84204865 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.8026042	-7.8026042 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.35534716	5.35534716 ± 0.000009	

2015-10-26, 11:34:46+0530



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)	Innut Malus		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0049999989		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd MtrNm T f32	32.2799988 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_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][7]	1408		
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752 10880		
t_CmnVehSpd_Kph_u9p7[4]	11008		
t_CmnVehSpd_Kph_u9p7[5] 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	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0954187065	-0.0954187065 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.039999991	0.039999991 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.0554187074 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.28349483 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.49632454 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.22018147	8.22018051 ± 0.000009	

2015-10-26, 11:34:46+0530



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





Test Step 1.11 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0060000005		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	48.5200005 5.5999999		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-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] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1440 1456		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1296 1312		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11] t DmpFiltKpWIRBIndY Uls u2p14[0]	6656 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]	256 269		
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTbIY_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_UIs_T_Str.a1_UIs_f32	-5.9533534	-5.95335388 ± 0.000009	

2015-10-26, 11:34:46+0530



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	0.00700000022		
VehicleSpeed_Kph_T_f32	64.9499969		
WIRCmdAmpBind_MtrNm_T_f32	1.10000002		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136 1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2 FDD FreqTblYM Hz u12p4[0][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6] 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_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]	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_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
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	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.04080439	7.04080343 ± 0.000009	· ·

2015-10-26, 11:34:46+0530



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	0.0080000038		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	80.3499985 1.20000005		
filtCoef Uls T Str	tgt_filtCoef_UIs_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] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	304 320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10]	640 656		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	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] t CmnVehSpd Kph u9p7[11]	32640 32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_UIs_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]	294 307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		,
Name	Actual Value	Expected Value	Resul
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	•
	3.37325883	3.37325859 ± 0.000009	· · · · · ·
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.94662905 ± 0.000009	

2015-10-26, 11:34:46+0530



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 WIRCmdAmpBlnd_MtrNm_T_f32	96.6200027 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] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	640 656		
t2_FDD_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224 240		
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] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16640 3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102 115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0544182248	-0.0544182286 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0719999969	0.0719999969 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.0175817721 ± 0.00000009	•
		2.5042634 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	2.50426316 -7.6513648	-7.6513648 ± 0.000009	

2015-10-26, 11:34:46+0530



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	

2015-10-26, 11:34:46+0530



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		
WIRCmdAmpBInd_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]	144 160		
t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160		
t2_FDD_FreqTbIYM_Hz_u12p4[1][5] t2_FDD_FreqTbIYM_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_UIs_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_UIs_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	Resu
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	

2015-10-26, 11:34:46+0530



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		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]			
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		
	8960		
t_CmnVehSpd_Kph_u9p7[5]	10240		
t_CmnVehSpd_Kph_u9p7[6]			
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		
	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.17973122	-0.17973122 ± 0.0000009	~
·	0.0960000008	0.0960000008 ± 0.00000009	•
tat filtCoef Uls T Str.b1 Uls f32	3.00000000		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32 tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0 0837312192 + 0 0000000	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.0837312192 ± 0.00000009	· ·
	0.0837312266 1.64792883 -6.97387695	0.0837312192 ± 0.00000009 1.64792907 ± 0.000009 -6.97387695 ± 0.000009	

2015-10-26, 11:34:46+0530



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	160.630005		
WIRCmdAmpBInd_MtrNm_T_f32	1.7000005		
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]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638 3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]			
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115 128		
	141		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[6]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTblX_MtrNm_u8p8[0]	1050		
t_WIRBIndTblX_MtrNm_u8p8[1]	1075		
t_WIRBIndTblX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTblX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
		Expected Value	Kesuit
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.0631598011 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	$0.104000002 \pm 0.00000009$	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0408402011	-0.0408402011 ± 0.00000009	-
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.47085524	3.47085547 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.96247482	-7.96247482 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.56666946	4.56666994 ± 0.000009	

2015-10-26, 11:34:46+0530



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



ADDOOR MAINISPART 192 MICHORAPPINE, 1539 MIC			Test Step 1.19 (Repeat Count = 1)
Vanishipson Vanishim 102 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 17899999 178999999 178999999999999999999999999999999999999		Input Value	
WilsonseyBeel_ Jahring122			
MICORD_MICROST_MICRO			
Linchine Minimens Kyanes, 152		1.79999995	
2. DOL D	s_T_Str	tgt_filtCoef_U	
2. POD. Freshbrik Nr. 2. u2490 1	03	0.000310000	k_InrtCmp_MtrInertia_KgmSq_f32
2 PDD First Drivin 18. uspain(19)		32	2_FDD_FreqTblYM_Hz_u12p4[0][0]
2 FOD. PereTAYM 15. U7490 T		48	2_FDD_FreqTblYM_Hz_u12p4[0][1]
2 FIDE Feeth ThM B. U7249108 12 2 FIDE Feeth ThM B. U7249108 19 10 10 10 10 10 10 10		64	2_FDD_FreqTblYM_Hz_u12p4[0][2]
2 FOLD FORTAMA 12 12 12 12 12 12 12 1		80	2_FDD_FreqTblYM_Hz_u12p4[0][3]
22 FOD_PRETATIVE_NE_UTSPLOT[07] 144 12 FOD_PRETATIVE_NE_UTSPLOT[07] 144 145 150 15		96	2_FDD_FreqTblYM_Hz_u12p4[0][4]
12, FDD_PRETAYM_Hz_u172440007		112	2_FDD_FreqTbIYM_Hz_u12p4[0][5]
22 FDD FrestPhWH Re. size4prillis		128	2_FDD_FreqTbIYM_Hz_u12p4[0][6]
2 FDD Freq ThYM Hz u124 u191 u192 u19		144	r2_FDD_FreqTblYM_Hz_u12p4[0][7]
12 FIDE Prior To No. Hz. ut 24 40 10 10 10 10 10 10 1		160	t2_FDD_FreqTblYM_Hz_u12p4[0][8]
12, FID.P. Persit Name He.		176	12_FDD_FreqTblYM_Hz_u12p4[0][9]
12, FIDD. Feral TWM, Hz. u124-0[11] 208 22, FIDD. Feral TWM, Hz. u124-0[11] 1000 12, FIDD. Feral TWM, H		192	2 FDD FregTblYM Hz u12p4[0][10]
12.FDD Feerborn Europe 1900 12. FDD Feerborn Europe 1910 12. FDD Feerborn 1910 12. FDD 1910		208	
12 FDD PreqTbMA Hz, u1244 3 1900 12 FDD FDD		1600	
12, FDD_FreqTbYM_Hz_u1244[13]			
12 FOD Fierq TarWA 1-2, u124 11 19 1900			
12_FDD_FeqTaVM_Hz_u124H[15]			
12 FDD FeqThVM 1.5 u124(1)[5] 10000 10000 100000 100000 1000000 1000000 10000000 10000000 10000000 100000000			
12_FDD_FreqTbYM_Hz_ut2sp4[1]97 1000 10			
12_FDD_FreqTbYM_Hz_ut24f[17]			
12_FDD_FreqTbYM_Hz_u12p4(T) 0 1600 16			
12_FDD_FreqTbYM_Hz_u12p4[1][9]			
12_FDD_FreqTbVM_Hz_urt2p4[1][10] 1600			
12 FDD FeqThVM_Hz_u12p4[1][11] 1600 128 128 128 126 128			
L CmrVehSpd_Kph_u8p7[0]			
L CmmVehSpd_Kph_u8p7[3] 512 LCmmVehSpd_Kph_u8p7[3] 512 LCmmVehSpd_Kph_u8p7[4] 640 LCmmVehSpd_Kph_u8p7[5] 768 LCmmVehSpd_Kph_u8p7[6] 896 LCmmVehSpd_Kph_u8p7[7] 1024 LCmmVehSpd_Kph_u8p7[7] 1122 LCmmVehSpd_Kph_u8p7[7] 1122 LCmmVehSpd_Kph_u8p7[8] 1152 LCmmVehSpd_Kph_u8p7[8] 1152 LCmmVehSpd_Kph_u8p7[8] 1280 LCmmVehSpd_Kph_u8p7[9] 1280 LCmmVehSpd_Kph_u8p7[10] 1408 LCmmVehSpd_Keh_u8p7[10] 1408 LCmmVehSpd_Keh_u8p7[1			
CmnVehSpd_Kph_u9p7[3]			
ComvVehSpd Kph_u9p7[4]			
L CmnVehSpd_Kph_u9p7[5]			
CmnVehSpd_Kph_u9p7(8)			
CmmVehSpd_Kph_u9p7[7]			
CmmVehSpd_Kph_u9p7[8]			
CmnVehSpd_Kph_u9p7[9]			
L_CmnVehSpd_Kph_u9p7[10]			
L CmnVehSpd, Kph_u9p7[11] 1536 L DmpFillKpWIRBindY_Uls_u2p14[0] 3277 L DmpFillKpWIRBindY_Uls_u2p14[1] 4915 L DmpFillKpWIRBindY_Uls_u2p14[2] 6554 L DmpFillKpWIRBindY_Uls_u2p14[3] 8192 L DmpFillKpWIRBindY_Uls_u2p14[3] 9830 L InntCmp_ScaleFactorTbY_Uls_u9p7[0] 154 LinntCmp_ScaleFactorTbY_Uls_u9p7[1] 166 LinntCmp_ScaleFactorTbY_Uls_u9p7[1] 192 LinntCmp_ScaleFactorTbY_Uls_u9p7[2] 192 LinntCmp_ScaleFactorTbY_Uls_u9p7[3] 192 LinntCmp_ScaleFactorTbY_Uls_u9p7[6] 218 LinntCmp_ScaleFactorTbY_Uls_u9p7[6] 230 LinntCmp_ScaleFactorTbY_Uls_u9p7[8] 243 LinntCmp_ScaleFactorTbY_Uls_u9p7[8] 245 LinntCmp_ScaleFactorTbY_Uls_u9p7[8] 266 LinntCmp_ScaleFactorTbY_Uls_u9p7[8] 266 LinntCmp_ScaleFactorTbY_Uls_u9p7[8] 269 LinntCmp_ScaleFactorTbY_			
DmpFillKpWlRBlindY_Uls_u2p14[0] 3277 DmpFillKpWlRBlindY_Uls_u2p14[1] 4915 DmpFillKpWlRBlindY_Uls_u2p14[2] 6554 DmpFillKpWlRBlindY_Uls_u2p14[3] 8192 DmpFillKpWlRBlindY_Uls_u2p14[4] 9830 LinrCmp_ScaleFactorTblY_Uls_u9p7[0] 154 LinrCmp_ScaleFactorTblY_Uls_u9p7[1] 166 LinrCmp_ScaleFactorTblY_Uls_u9p7[2] 179 LinrCmp_ScaleFactorTblY_Uls_u9p7[3] 192 LinrCmp_ScaleFactorTblY_Uls_u9p7[3] 205 LinrCmp_ScaleFactorTblY_Uls_u9p7[3] 218 LinrCmp_ScaleFactorTblY_Uls_u9p7[6] 230 LinrCmp_ScaleFactorTblY_Uls_u9p7[6] 230 LinrCmp_ScaleFactorTblY_Uls_u9p7[7] 243 LinrCmp_ScaleFactorTblY_Uls_u9p7[8] 256 LinrCmp_ScaleFactorTblY_Uls_u9p7[9] 269 LinrCmp_ScaleFactorTblY_Uls_u9p7[10] 282 LinrCmp_ScaleFactorTblY_Uls_u9p7[10] 294 LinrCmp			
DmpFillKpWlRBlindY_Uls_u2p14[1]			
DmpFiltKpWIRBindY_Uls_u2p14[2]			_ , , ,
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]		4915	:_DmpFiltKpWIRBIndY_Uls_u2p14[1]
L_DmpFiltKpWIRBIndY_UIs_u2p14[4] 9830 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[0] 154 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[1] 166 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2] 179 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[3] 192 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[4] 205 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[5] 218 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[7] 230 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[7] 243 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[8] 256 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[9] 269 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_UIs_u9p7[11] 294 t_WIRBIndTblX_MtrNm_u8p8[0] 1306 t_WIRBIndTblX_MtrNm_u8p8[1] 1331 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name Actual Value Expected Value tg_filtCoef_UIs_T_Str.b_UIs_f32 0.112000003 0.112000003 tg_filtCoef_UIs_T_Str.b_UIs_f32 0.0617950335 0.0617950037 ± 0.0000009 tg_filtCoef_UIs_T_Str.a_UIs_f32 0.0617950335 0.0617950037 ± 0.0000009		6554	:_DmpFiltKpWIRBIndY_Uls_u2p14[2]
t_InrtCmp_ScaleFactorTblY_Uls_u997[0] 154 t_InrtCmp_ScaleFactorTblY_Uls_u997[1] 166 t_InrtCmp_ScaleFactorTblY_Uls_u997[2] 179 t_InrtCmp_ScaleFactorTblY_Uls_u997[3] 192 t_InrtCmp_ScaleFactorTblY_Uls_u997[3] 295 t_InrtCmp_ScaleFactorTblY_Uls_u997[4] 205 t_InrtCmp_ScaleFactorTblY_Uls_u997[5] 218 t_InrtCmp_ScaleFactorTblY_Uls_u997[6] 230 t_InrtCmp_ScaleFactorTblY_Uls_u997[7] 243 t_InrtCmp_ScaleFactorTblY_Uls_u997[8] 256 t_InrtCmp_ScaleFactorTblY_Uls_u997[8] 269 t_InrtCmp_ScaleFactorTblY_Uls_u997[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u997[10] 294 t_WRBIndTblX_MtrNm_u8p8[0] 1306 t_WRBIndTblX_MtrNm_u8p8[1] 1331 t_WRBIndTblX_MtrNm_u8p8[1] 1357 t_WRBIndTblX_MtrNm_u8p8[2] 1357 t_WRBIndTblX_MtrNm_u8p8[3] 1382 t_WRBIndTblX_MtrNm_u8p8[4] 1408 Name		8192	_DmpFiltKpWIRBIndY_Uls_u2p14[3]
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[7] 243 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] 256 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 1331 t_WIRBIndTblX_MtrNm_u8p8[0] 1306 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name		9830	_DmpFiltKpWIRBIndY_Uls_u2p14[4]
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[2] 179 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3] 205 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[4] 205 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[5] 218 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[6] 230 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[7] 243 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] 256 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[8] 269 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[9] 282 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[11] 294 t_WIRBIndTbIX_MtrNm_u8p8[0] 1306 t_WIRBIndTbIX_MtrNm_u8p8[1] 1331 t_WIRBIndTbIX_MtrNm_u8p8[2] 1357 t_WIRBIndTbIX_MtrNm_u8p8[3] 1382 t_WIRBIndTbIX_MtrNm_u8p8[3] 1382 t_WIRBIndTbIX_MtrNm_u8p8[4] 1408 Name		154	InrtCmp_ScaleFactorTblY_Uls_u9p7[0]
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[8] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_WIRBIndTblX_MtrNm_u8p8[0] 1306 t_WIRBIndTblX_MtrNm_u8p8[1] 1331 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name		166	_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]
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[8] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 294 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_WIRBIndTblX_MtrNm_u8p8[0] 1306 t_WIRBIndTblX_MtrNm_u8p8[1] 1331 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[3] 1362 t_WIRBIndTblX_MtrNm_u8p8[3] 1362 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name		179	t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]
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[8] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_WIRBIndTblX_MtrNm_u8p8[0] 1306 t_WIRBIndTblX_MtrNm_u8p8[1] 1331 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name		192	_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]
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[8] 269 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 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[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name		205	
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_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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			_ :- : : : : : : : : : : : : : : :
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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_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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.112000003 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.6178236 2.6178236 2.6178236 ± 0.000009			
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[9] 269 t_inrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_inrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.112000003 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.6178236 2.617			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 282 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.112000003 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.6178236 2.617823			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] 294 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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.112000003 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.6178236 2.6178236 2.6178236 ± 0.000009			
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 tgt_filtCoef_Uls_T_Str.b0_Uls_f32 0.112000003 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			_ : : - : - : - : - : - : - : - :
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 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 ± 0.0010009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			
t_WIRBIndTblX_MtrNm_u8p8[2] 1357 t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name Actual Value Expected Value 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 0.112000009 tgt_filtCoef_Uls_T_Str.b2_Uls_f32 0.0617950335 0.0617950037 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			
t_WIRBIndTblX_MtrNm_u8p8[3] 1382 t_WIRBIndTblX_MtrNm_u8p8[4] 1408 Name Actual Value Expected Value 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 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			
t_WIRBIndTbIX_MtrNm_u8p8[4] 1408 Name Actual Value Expected Value 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 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			
Name Actual Value Expected Value 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 ± 0.0000009 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.6178236 ± 0.000009			
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	France 137		
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.b2_Uls_f32			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 2.61782336 2.61782336 2.61782336			
tot filtCoef Uls T Str a1 Uls f32			
-7.70010401 ± 0.000009	-7.70810461 ± 0.000009	-7.70810461	tgt_filtCoef_Uls_T_Str.a1_Uls_f32

2015-10-26, 11:34:46+0530



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_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]			
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		
	11520		
t_CmnVehSpd_Kph_u9p7[7]	12800		
t_CmnVehSpd_Kph_u9p7[8]			
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 UIs 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]	1562		
	1587		
t_WIRBIndTbIX_MtrNm_u8p8[1]			
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664	<u> </u>	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867457 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.119999997 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.0358674601 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.82515597 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.79624844 ± 0.000009	-
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.37859583 ± 0.000009	-

2015-10-26, 11:34:46+0530



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_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64 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]	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_FreqTbIYM_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 FreqTbIYM Hz u12p4[1][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_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	

2015-10-26, 11:34:46+0530



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	0.017000009		
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_FreqTblYM_Hz_u12p4[0][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256		
t2 FDD FreqTblYM Hz u12p4[1][0]	32		
t2 FDD FreqTblYM Hz u12p4[1][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2 FDD FreqTblYM Hz u12p4[1][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16896 8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWlRBIndY_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 UIs 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_WIRBIndTblX_MtrNm_u8p8[0]	2048		
t_WIRBIndTblX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBINdTblX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048	I_	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.10374245 ± 0.0000009	Y
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136000007 ± 0.0000009	V
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	V
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.76205063	4.76205063 ± 0.000009	~

2015-10-26, 11:34:46+0530



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



Test Step 1.23 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef MtrNmSpRad T f32	0.0179999992		
VehicleSpeed_Kph_T_f32	240.020004		
WIRCmdAmpBind_MtrNm_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80 96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTbIYM_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_UIs_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	320 333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	333		
t_WIRBIndTblX_MtrNm_u8p8[0]	256		
t_WIRBIndTblX_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	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.120654218	-0.120654218 ± 0.0000009	Nesuit
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 ± 0.0000009	
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	•
	1		

2015-10-26, 11:34:46+0530



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		
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]	416 432		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	446		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	480		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTbIYM_Hz_u12p4[1][1] t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	96		
t2 FDD FreqTblYM Hz u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128		
t2 FDD FreqTblYM Hz u12p4[1][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2 FDD FreqTblYM Hz u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_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]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.266277403	-0.266277373 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.151999995	0.151999995 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114277415	0.114277385 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.55320787	2.55320811 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.67659283	-7.67659283 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.77019882 ± 0.000009	

2015-10-26, 11:34:46+0530



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/M_Fiz_u12p4[0][1] t2_FDD_Fleq1bl/M_Hz_u12p4[0][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_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	

2015-10-26, 11:34:46+0530



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	0.0209999997		
VehicleSpeed_Kph_T_f32	288.079987		
WIRCmdAmpBInd_MtrNm_T_f32	6.4000001		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296 1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1312		
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 13312		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5] 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_UIs_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]	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	1	1_
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_UIs_T_Str.b0_UIs_f32	-0.211607069	-0.211607069 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b1_UIs_f32	0.16799998	0.167999998 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.0436070636 ± 0.00000009	
tgt_filtCoef_UIs_T_Str.a0_UIs_f32	2.26093268	2.26093292 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.50725317 ± 0.000009	· · · · · ·

2015-10-26, 11:34:46+0530



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)	1 (2)		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.021999999		
VehicleSpeed_Kph_T_f32	304.089996		
WIRCmdAmpBlnd_MtrNm_T_f32	7.099999		
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]	336 352		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]			
t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	368		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	384 400		
t2_FDD_FreqTbIYM_Hz_u12p4[1][4]	416		
t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t CmnVehSpd Kph u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t CmnVehSpd Kph u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554		
t DmpFiltKpWIRBIndY Uls u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.0564835444 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.175999999 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462	-0.119516455 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.a0_UIs_f32	1.64792883	1.64792907 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.37819386 ± 0.000009	

2015-10-26, 11:34:46+0530



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





Test Step 1.28 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.023		
VehicleSpeed_Kph_T_f32	320.070007		
WIRCmdAmpBlnd_MtrNm_T_f32	8.19999981		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str 0.00039999999		
k_InrtCmp_MtrInertia_KgmSq_f32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	192		
t2_FDD_F1eq1b1fM_F12_012p4[0][1] t2_FDD_F1eq1b1fM_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 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_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		1.
Name	Actual Value	Expected Value	Resul
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	•

2015-10-26, 11:34:46+0530



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





Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0240000002		
VehicleSpeed_Kph_T_f32 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]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8] 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	

2015-10-26, 11:34:46+0530



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)	Innext Wales		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0250000004 352.049988		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	4.900001		
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_FreqTbIYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1232 1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1246		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77 90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] 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]	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	-0.12834549	-0.128345475 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.20000003	0.200000003 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.0716545284 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.25517941 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242453 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.29239559	8.29239655 ± 0.000009	

2015-10-26, 11:34:46+0530



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_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392 1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424		
	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1504		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1568		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208		
t2 FDD FreqTblYM Hz u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2 FDD FreqTblYM Hz u12p4[1][5]	256		
t2 FDD FreqTbIYM Hz u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44634214	-0.446342081 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208000004 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.238342136	0.238342077 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.7996192	1.7996192 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.13275242	-7.13275242 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.06762838	7.06762838 ± 0.000009	

2015-10-26, 11:34:46+0530



Test Step Call Trace				
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		
WIRCmdAmpBind_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	2.9999992e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_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_UIs_u2p14[4]	9830		
t InrtCmp ScaleFactorTblY Uls u9p7[0]	179		
	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	205		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230 243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-0.171643585 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216000006 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.0443564169 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.16740918	2.16740942 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.44288063 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.38971043	6.38970995 ± 0.000009	•

2015-10-26, 11:34:46+0530



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		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t CmnVehSpd Kph u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_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_Uis_usp7[6] t InrtCmp_ScaleFactorTblY_Uis_usp7[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_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896	I	
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	

2015-10-26, 11:34:46+0530



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

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia

Test Object FrqDepDmpnInrtCmp_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	



FrqDepDmpnInrtCmp_Per1

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_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\-1\\$(PROJECTROOT)\\FrqDepDmpnInrtCmp\utp\contract\Ap_FrqDepDmpnInrtCmp -I\\$(PROJECTROOT) \NxtrLib\\include -I\\$(PROJECTROOT)\\StdDef\\include -I\\$(Projemprinclude -I\\$(Pro	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c	
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -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	

Name	Text
Module 'FDD_Inertia'	**************************************
	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):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_UIs_T_Str.b0_UIs_f32" is calculated as -2.74156205240179 of and "filtCoef_UIs_T_Str.b1_UIs_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 1
	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 o 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"", ""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"
                                CPU Cycles:
                               TS1.1 5667.00 Cycles
TS1.2 5703.00 Cycles
Description
                               Test Vector Description:
                               TS1.1 "Shortest Execution Path:
(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=False
(FrqDepDmpplnftCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True"
                               TS1.2 "Longest Execution Path:
(FDDDefSrvFlg_Cnt_T_lgc == TRUE)=True
(FrqDepDmpnInrtCmp_MtrNm_T_f32>= D_MTRTRQCMDHILMT_MTRNM_F32)=False
                                (FrqDepDmpnInrtCmp_MtrNm_T_f32<= -D_MTRTRQCMDHILMT_MTRNM_F32)=False"
Test Case 2: Boundary Test
Specification
                                Performance Metrics (With "None" Instrumentation and "WithPS"
                                Environment)
                                CPU Cycles:
                                               5484.00 Cycles
5549.00 Cycles
5698.00 Cycles
5724.00 Cycles
                                TS2.1
                                TS2 2
                                TS2.3
TS2.4
                                               5724.00 Cycles
5698.00 Cycles
5572.00 Cycles
5708.00 Cycles
6713.00 Cycles
5630.00 Cycles
                                TS2.5
                                TS2.6
TS2.7
                                TS2.8
TS2.9
                                                5630.00 Cycles

5527.00 Cycles

5508.00 Cycles

5560.00 Cycles

5560.00 Cycles

5562.00 Cycles

5534.00 Cycles

5733.00 Cycles

5458.00 Cycles

5458.00 Cycles

5517.00 Cycles

5517.00 Cycles

5517.00 Cycles
                                TS2.10
TS2.11
TS2.12
                               TS2.12
TS2.13
TS2.14
TS2.15
TS2.16
TS2.17
TS2.18
TS2.19
                                                 5853.00 Cycles
5549.00 Cycles
5529.00 Cycles
5516.00 Cycles
                                TS2.21
                                TS2.21
TS2.22
TS2.23
TS2.24
                                                 5539.00 Cycles
5539.00 Cycles
5539.00 Cycles
5519.00 Cycles
5619.00 Cycles
                                TS2.25
TS2.26
TS2.27
TS2.28
                                TS2.29
                                TS2.30
                                                 5561.00 Cycles
Description
                               Test Vector Description:
                               TS2.1 All min
```

```
TS2.2
                All max
TS2.3 HwTorque_HwNm_f32 = min
TS2.4 HwTorque_HwNm_f32 = max
                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
                   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
                  VehicleSpeed_Kph_f32 = min
VehicleSpeed_Kph_f32 = max
VehicleSpeed_Kph_f32 = pos
 TS2.18
 TS2 19
 TS2.20
                  WIRCmdAmpBlnd_MtrNm_f32 = min
WIRCmdAmpBlnd_MtrNm_f32 = max
WIRCmdAmpBlnd_MtrNm_f32 = pos
FreqDepDmpSrlComSvcDft_Cnt_lgc = min
 TS2.21
 TS2.22
 TS2.23
 TS2.24
TS2.25 FreqDepDmpSrlComSvcDff_Cnt_lgc = max
TS2.26 VehicleLonAccel_KphpS_f32 = min
TS2.27 VehicleLonAccel_KphpS_f32 = max
TS2.28 VehicleLonAccel_KphpS_f32 = zero
TS2.29 VehicleLonAccel_KphpS_f32 = neg
TS2.30 VehicleLonAccel_KphpS_f32 = pos
```

Test Step 2.1 (Repeat Count = 1)	🗸
Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019
Prev1SclDrvVel_RadpS_M_f32	-12917.2998

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



гідреротріппістр_геті	(MAC)	
Name	Input Value	
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	
PrevTbarAng_HwDeg_M_f32	-20	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989	
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	0.5	
<pre>c_DmpDecelGainFSlew_UlspS_f32</pre>	1	
k_DmpDecelGain_Uls_f32	1	
<pre>c_DmpGainOffThresh_KphpS_f32</pre>	0	
<pre>c_DmpGainOnThresh_KphpS_f32</pre>	0	
	9.9999975e-006	
CInrtCmp_MtrInertia_KgmSq_f32		
C_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0	
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	16	
2_FDD_FreqTbIYM_Hz_u12p4[0][6]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	16	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	16	
	16	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	16	
	16	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	16	
CmnVehSpd_Kph_u9p7[0]	0	
_CmnVehSpd_Kph_u9p7[1]	0	
_CmnVehSpd_Kph_u9p7[2]	0	
CmnVehSpd_Kph_u9p7[3]	0	
	0	
CmnVehSpd_Kph_u9p7[4]		
_CmnVehSpd_Kph_u9p7[5]	0	
_CmnVehSpd_Kph_u9p7[6]	0	
_CmnVehSpd_Kph_u9p7[7]	0	
_CmnVehSpd_Kph_u9p7[8]	0	
_CmnVehSpd_Kph_u9p7[9]	0	
_CmnVehSpd_Kph_u9p7[10]	0	
_CmnVehSpd_Kph_u9p7[11]	0	
_DmpADDCoefX_MtrNm_u4p12[0]	0	
DmpADDCoefX_MtrNm_u4p12[1]	0	

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



Input Value t DmpADDCoefX_MtrNm_u4p12[3] 0 0 t_DmpADDCoefX_MtrNm_u4p12[4] t DmpADDCoefX_MtrNm_u4p12[5] 0 t_DmpADDCoefX_MtrNm_u4p12[6] 0 t DmpADDCoefX_MtrNm_u4p12[7] 0 t_DmpADDCoefX_MtrNm_u4p12[8] 0 t_DmpADDCoefX_MtrNm_u4p12[9] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 0 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 0 t_DmpDecelGainSlewY_UlspS_u13p3[0] 8 t_DmpDecelGainSlewY_UlspS_u13p3[1] 8 t_DmpDecelGainSlewY_UlspS_u13p3[2] 8 t_DmpDecelGainSlewY_UlspS_u13p3[3] 8 t_DmpDecelGainSlewY_UlspS_u13p3[4] 8 t_DmpDecelGainSlewY_UlspS_u13p3[5] 8 t_DmpFiltKpWIRBIndY_Uls_u2p14[0] 0 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 0 t_DmpFiltKpWIRBIndY_Uls_u2p14[2] 0 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 0 t_DmpFiltKpWIRBIndY_Uls_u2p14[4] 0 t FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] 0 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 0 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 0 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 0 t FDD ADDStaticTblY MtrNmpRadpS um1p17[4] 0 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 0 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 0 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7] 0 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] 0 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9] 0 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 0 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 0 0 t_FDD_AttenTblY_Uls_u8p8[0] 0 t_FDD_AttenTblY_Uls_u8p8[1] t_FDD_BlendTblY_Uls_u8p8[0] 0 0 t_FDD_BlendTblY_Uls_u8p8[1] 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] n t_FDD_BlendTblY_Uls_u8p8[7] 0 t_FDD_BlendTblY_Uls_u8p8[8] n t_FDD_BlendTblY_Uls_u8p8[9] 0 t_FDD_BlendTblY_Uls_u8p8[10] n t_FDD_BlendTblY_Uls_u8p8[11] 0 t InrtCmp ScaleFactorTblY Uls u9p7[0] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] 0 0 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] $t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]$ 0 0 t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] 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

0

0

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
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		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDmpnInrtCmp_BaseAssistCmpTrqDepDm$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	md_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpStarter (Compared to the Compared to the $	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_FrqDepDm$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwTorqu$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_h	lwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpliter (Compared to the compared to the com$	ltgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_WIRCmdAm	ipBi tgt_FrqDepDmpninttCmp_Pei	"1_WIRCMdAmpBind_ivitrivm_t32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.79862785 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	✓
tgt FrqDepDmpnInrtCmp Per1 FrqDepDmpnInrtCmp MtrNm f32.value	-0	0 ± 0.00048828125	✓

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

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	4.2949673e+009
Prev1PreAttnComp_MtrNm_M_f32	8.80000019
Prev1SclDrvVel_RadpS_M_f32	12917.2998
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	12917.2998
PrevTbarAng_HwDeg_M_f32	1.01333404
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_DmpDecelGainFSlew_UlspS_f32	4500
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	50
k_DmpGainOnThresh_KphpS_f32	50
k_InrtCmp_MtrInertia_KgmSq_f32	0.000500000024
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1

2015-10-26, 11:42:06+0530



Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	6554 6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 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] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554 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
12_FDD_FreqTblYM_Hz_u12p4[0][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600 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
12_FDD_FreqTbIYM_Hz_u12p4[1][0] 12_FDD_FreqTbIYM_Hz_u12p4[1][1]	1600 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
12_FDD_FreqTbIYM_Hz_u12p4[1][8] 12_FDD_FreqTbIYM_Hz_u12p4[1][9]	1600 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] t_CmnVehSpd_Kph_u9p7[6]	32640 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] t DmpADDCoefX_MtrNm_u4p12[3]	36045 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] t DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776 35776
t_DmpDecelGainSiewX_MtrRadpS_u11ps[1] t DmpDecelGainSiewX MtrRadpS u11p5[2]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



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Name	Input Value
_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
_DmpDecelGainSlewY_UlspS_u13p3[2]	4000
_DmpDecelGainSlewY_UlspS_u13p3[3]	4000
_DmpDecelGainSlewY_UlspS_u13p3[4]	4000
_DmpDecelGainSlewY_UlspS_u13p3[5]	4000
_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
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600
_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600
_FDD_AttenTblY_Uls_u8p8[0]	256
_FDD_AttenTblY_Uls_u8p8[1]	256
:_FDD_BlendTblY_Uls_u8p8[0]	256
:_FDD_BlendTblY_Uls_u8p8[1]	256
_FDD_BlendTbIY_Uls_u8p8[2]	256
E_FDD_BlendTblY_Uls_u8p8[3]	256
_FDD_BlendTbIY_Uls_u8p8[4]	256
:_FDD_BlendTblY_Uls_u8p8[5]	256
_FDD_BlendTbIY_Uls_u8p8[6]	256
_FDD_BlendTblY_Uls_u8p8[7]	256
_FDD_BlendTbIY_Uls_u8p8[8]	256
FDD_BlendTblY_Uls_u8p8[9]	256
:_FDD_BlendTblY_Uls_u8p8[10]	256
:_FDD_BlendTblY_Uls_u8p8[11]	256
:_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
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128
_RIAstWIRBIndTbIY_Uls_u2p14[0]	16384
_RIAstWIRBIndTbIY_Uls_u2p14[1]	16384
_RIAstWIRBIndTbIY_Uls_u2p14[2]	16384
_RIAstWIRBindTbIY_Uls_u2p14[3]	16384
_RIAstWIRBIndTbIY_Uls_u2p14[4]	16384
_WIRBIndTbIX_MtrNm_u8p8[0]	2048
	2046
_WIRBIndTbIX_MtrNm_u8p8[1]	2048
:_WIRBIndTbIX_MtrNm_u8p8[1] :_WIRBIndTbIX_MtrNm_u8p8[2]	
	2048
:_WIRBIndTbIX_MtrNm_u8p8[2]	2048 2048
:_WIRBIndTbIX_MtrNm_u8p8[2] :_WIRBIndTbIX_MtrNm_u8p8[3]	2048 2048 2048
:_WIRBIndTbIX_MtrNm_u8p8[2] :_WIRBIndTbIX_MtrNm_u8p8[3] :_WIRBIndTbIX_MtrNm_u8p8[4]	2048 2048 2048 2048

2015-10-26, 11:42:06+0530



Name	Input Value		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.992188		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	8.80000019		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_prop} \\$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_FrqDepDmpnInrt$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_HwTorqu$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAcception (Compared to the Compared to th$	Acce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_InstAp_FrqDepDmpnInrtCmp_InstAp_FrqDepDmpnInrtCmp_InstAp_FrqDepDmpnInrtCmp_InstAp_FrqDepDmpnInrtCmp_InstAp_FrqDepDmpnInrtCmp_InstAp_FrqDepDmpnInrtCmp_InstA$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	ed_Kph_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmp_FrqDepDmpnInrtCmp_Pe$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Namo	Actual Value	Expected Value	Posult

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

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

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	125487.234
Prev1PreAttnComp_MtrNm_M_f32	1.10000002
Prev1SclDrvVel_RadpS_M_f32	2205.30005
Prev2PreAttnComp_MtrNm_M_f32	7.30000019
Prev2SclDrvVel_RadpS_M_f32	101.199997
PrevTbarAng_HwDeg_M_f32	-8.31999969
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.1999998
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364

2015-10-26, 11:42:06+0530



Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	16 32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2 FDD FreqTblYM Hz u12p4[0][3]	64
t2 FDD FreqTblYM Hz u12p4[0][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_FDD_FreqTbIYM_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]	208 128
t_CmnVehSpd_Kph_u9p7[0]	256
t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3616 3648
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3712
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
C. 223 is sequence in financial transfer and sequence in the control of the contr	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
	1038 1553

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1

Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
t_FDD_AttenTbIY_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	
t_FDD_BlendTblY_Uls_u8p8[7]	20	
t_FDD_BlendTblY_Uls_u8p8[8]	23	
t_FDD_BlendTblY_Uls_u8p8[9]	26	
t_FDD_BlendTblY_Uls_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38 51	
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[3] t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[4]	64	
	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90	
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[6] t_InrtCmp_ScaleFactorTbIY_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	
: InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277	
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915	
t RIAstWIRBIndTbIY UIs u2p14[3]	6554	
:_RIAstWIRBIndTbIY_Uls_u2p14[4]	8192	
: WIRBIndTblX MtrNm u8p8[0]	282	
:_WIRBIndTblX_MtrNm_u8p8[1]	307	
: WIRBIndTblX MtrNm u8p8[2]	333	
:_WIRBIndTblX_MtrNm_u8p8[3]	358	
: 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_lgc.value	0	
tgt FrqDepDmpnInrtCmp Per1 HwTorque HwNm f32.value	-10	
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005	
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002	
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIn		
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hw		
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI		
Name	Actual Value Expected Value	Res
· 	Expedied value	IXES

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



8.80000019 ± 0.00048828125

Name	Actual Value	Expected Value	Result
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	•
Prev1ScIDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	•
Prev2ScIDrvVel_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	-

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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	•

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125589.211
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002
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 Inst Ap FrgDepDmpnInrtCmp	tgt Rte Inst Ap FrgDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-2.5
TbarVelFiltSv M str.K Uls f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
k CmnTbarStiff NmpDeg f32	2.29999995
k_DmpDecelGainFSlew_UlspS_f32	200.029999
k DmpDecelGain Uls f32	3.5999999
k DmpGainOffThresh KphpS f32	20.2000008
k DmpGainOnThresh KphpS f32	35.2999992
k InrtCmp MtrInertia KgmSq f32	9.0000014e-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
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1705
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144

2015-10-26, 11:42:06+0530



гідрерыпріппістр_гегі		<i>y</i> 10
Name	Input Value	
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]	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]	176 192	
2_FDD_FreqTbIYM_Hz_u12p4[1][9] 2_FDD_FreqTbIYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][10] 2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
CmnVehSpd Kph u9p7[2]	5120	
CmnVehSpd Kph u9p7[3]	6400	
CmnVehSpd_Kph_u9p7[4]	7680	
CmnVehSpd Kph u9p7[5]	8960	
CmnVehSpd_Kph_u9p7[6]	10240	
CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
DmpADDCoefX_MtrNm_u4p12[1]	9011	
DmpADDCoefX_MtrNm_u4p12[2]	9421	
DmpADDCoefX_MtrNm_u4p12[3]	9830	
DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
_DmpADDCoefX_MtrNm_u4p12[6]	11059	
_DmpADDCoefX_MtrNm_u4p12[7]	11469	
_DmpADDCoefX_MtrNm_u4p12[8]	11878	
_DmpADDCoefX_MtrNm_u4p12[9]	12288	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	352	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	400	
_FDD_AttenTblY_Uls_u8p8[0]	65	
_FDD_AttenTblY_Uls_u8p8[1]	68	
_FDD_BlendTblY_Uls_u8p8[0]	5	
_FDD_BlendTblY_Uls_u8p8[1]	8 10	
:_FDD_BlendTblY_Uls_u8p8[2]		

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1

т түрериприпистир_г егт			CIPCIO
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_ScaleFactorTbIY_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_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTblY_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	2.2999995		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_prop} \\$			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_Per1_FreqDepDmpNInrtCmp_$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwInrtCmp_HwInrt$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccepts and the property of the property $			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_A$			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmp_Per1$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.156 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.309448 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	•
tat FraDenDmonlortCmn Per1 FraDenDmonlortCmn MtrNm f32 value	0	0 + 0 00048828125	

0

 $tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value$

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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.5 (Repeat Count = 1)	Input Value
	•
PreDecelGain_Uls_M_f32	125691.188
Prev1PreAttnComp_MtrNm_M_f32	2.20000005
Prev1ScIDrvVel_RadpS_M_f32	292.600006
Prev2PreAttnComp_MtrNm_M_f32	6.80000019
Prev2SclDrvVel_RadpS_M_f32	105.099998
PrevTbarAng_HwDeg_M_f32	-0.00100000005
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	2.5
FbarVelFiltSv_M_str.K_Uls_f32	0.358740002
CmnSysKinRatio_MtrDegpHwDeg_f32	30.2000008
CmnTbarStiff_NmpDeg_f32	3.5
c_DmpDecelGainFSlew_UlspS_f32	100.019997
_DmpDecelGain_Uls_f32	4.5
_DmpGainOffThresh_KphpS_f32	22.1000004
_DmpGainOnThresh_KphpS_f32	40.2000008
_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-005
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1553
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	3614
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	1254
	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1585
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1695
2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
2_FDD_FreqTblYM_Hz_u12p4[1][3]	112

2015-10-26, 11:42:06+0530



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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
_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	
	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
:_CmnVehSpd_Kph_u9p7[7]	7680	
	7808	
CmnVehSpd_Kph_u9p7[9]	7936	
_CmnVehSpd_Kph_u9p7[10]	8064	
	8192	
_CmnVehSpd_Kph_u9p7[11]		
_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]	4192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
 _DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
mpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2448	
	4915	
:_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
:_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]	448	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	480	
FDD_AttenTblY_Uls_u8p8[0]	93	
_FDD_AttenTblY_Uls_u8p8[1]	96	
_FDD_BlendTblY_Uls_u8p8[0]	10	
	13	
FDD_BlendTblY_Uls_u8p8[1]		
FDD_BlendTblY_Uls_u8p8[2]	15	
FDD_BlendTblY_Uls_u8p8[3]	18	
_FDD_BlendTblY_Uls_u8p8[4]	20	
_FDD_BlendTblY_Uls_u8p8[5]	23	
_FDD_BlendTblY_Uls_u8p8[6]	26	
_FDD_BlendTblY_Uls_u8p8[7]	28	
_FDD_BlendTblY_Uls_u8p8[8]	31	
_FDD_BlendTblY_Uls_u8p8[9]	33	
_FDD_BlendTblY_Uls_u8p8[10]	36	
	38	

2015-10-26, 11:42:06+0530



7.1q50p5mpmm.cmp_, 0.1			
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
_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 RIAstWIRBIndTbIY Uls u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t RIAstWIRBIndTbIY Uls u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
	870		
t_WIRBIndTblX_MtrNm_u8p8[3]			
t_WIRBIndTblX_MtrNm_u8p8[4]	896		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	7.30000019 500.399994		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0100002 300.049988		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	125690.984	125690.984 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.969 ± 0.9	,

	F 3 = 1 1 F F 1 F 1 F	· - · · · · · · - · - ·	
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	~
tot FraDenDmnnInrtCmn Per1 FraDenDmnnInrtCmn MtrNm f32 value	8 8000019	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125793.156
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005
Prev1SclDrvVel_RadpS_M_f32	-160.300003
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981
Prev2SclDrvVel_RadpS_M_f32	-301.200012
PrevTbarAng_HwDeg_M_f32	-1.15489995
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.4000015
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	200.050003
k_DmpDecelGain_Uls_f32	3.20000005
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	45.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	2.99999992e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 144 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 160 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 176 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 208 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 224 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 240 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 256 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 640 t_CmnVehSpd_Kph_u9p7[4] 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 1536 t 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 5920 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 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 13107 $t_DmpFiltKpWIRBIndY_Uls_u2p14[4]$ t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] 1066 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 1212 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 1359 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 1506 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 1653 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 1800 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 1946 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 2093 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 2240 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 2387 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 512 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 560 t_FDD_AttenTblY_Uls_u8p8[0] 116 t_FDD_AttenTblY_Uls_u8p8[1] 118 t FDD BlendTblY Uls u8p8[0] 13 t_FDD_BlendTblY_Uls_u8p8[1] 15 t_FDD_BlendTblY_Uls_u8p8[2] 18 t_FDD_BlendTblY_Uls_u8p8[3] 20 23 t FDD BlendTblY Uls u8p8[4] 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 36 $t_FDD_BlendTblY_Uls_u8p8[9]$ t_FDD_BlendTblY_Uls_u8p8[10] 38

41

t_FDD_BlendTblY_Uls_u8p8[11]

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
t RIAstWIRBIndTbIY Uls u2p14[0]	6554		
t RIAstWIRBIndTbIY Uls u2p14[1]	8192		
t_RiAstWIRBindTbiY_Uls_u2p14[2]	9830		
t_RiAstWIRBindTbiY_Uis_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 FrgDepDmpnInrtCmp 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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt kte inst ap fradepompningcmp.fradebombningcmb peri fradebombnir		nInrtCmp MtrNm f32	
	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp t tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp t tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_t t tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	HwNm_f32 Accel_KphpS_f32	
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_VehicleSpeed_ tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon# I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	HwNm_f32 Accel_KphpS_f32 ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_i tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon# I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	HwNm_f32 Accel_KphpS_f32 ed_Kph_f32	Resul

3	3_ 1 1 1 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	✓
tot ErgDenDmonlortCmp Per1 ErgDenDmonlortCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125895.133
Prev1PreAttnComp MtrNm M f32	3.2999995
Prev1ScIDrvVel RadpS M f32	2625.30005
Prev2PreAttnComp MtrNm M f32	5.19999981
Prev2SclDrvVel_RadpS_M_f32	157.199997
PrevTbarAng_HwDeg_M_f32	1.00899994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.0299988
k CmnTbarStiff NmpDeg f32	5.19999981
k DmpDecelGainFSlew UlspS f32	300.059998
k_DmpDecelGain_Uls_f32	4.1999981
k_DmpGainOffThresh_KphpS_f32	33.2000008
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1188
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1288
t2_FDD_ADDRollingTbIYM_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 ADDRollingTbIYM MtrNmpRadpS um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1359
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	2093
	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2387
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128 144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192 208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224 240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
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

2015-10-26, 11:42:06+0530



Name	Input Value	
Name :2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
2_FDD_freqTblYM_Hz_u12p4[1][6]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
	272	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	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	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1624	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1632 1640	
_DmpDecelGainSlewY_UlspS_u13p3[4] _DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[0] _DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
DmpFiltKpWIRBIndY Uls u2p14[4]	14746	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	1246	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] _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]	512	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
_FDD_AttenTblY_Uls_u8p8[0]	144	
FDD_AttenTblY_Uls_u8p8[1]	146	
FDD_BlendTblY_Uls_u8p8[0]	15	
FDD_BlendTblY_Uls_u8p8[1]	18	
FDD_BlendTblY_Uls_u8p8[2]	20	
FDD_BlendTblY_Uls_u8p8[3]	23	
_FDD_BlendTblY_Uls_u8p8[4]	26	
_FDD_BlendTblY_Uls_u8p8[5]	28	
FDD_BlendTblY_Uls_u8p8[6]	31	
_FDD_BlendTblY_Uls_u8p8[7]	33	
_FDD_BlendTblY_Uls_u8p8[8]	36	
_FDD_BlendTblY_Uls_u8p8[9]	38	
_FDD_BlendTblY_Uls_u8p8[10]	41	
EFDD_BlendTblY_Uls_u8p8[11]	44	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69	69	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70	70	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72	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	76	
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_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	6.19999981		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	400.600006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	5.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.0500002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.079987		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssis	stCmd tgt_FrqDepDmpnInrtCmp_Per1_I	BaseAssistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor	Vel I tgt_FrqDepDmpnInrtCmp_Per1_0	CRFMotorVel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_$		FreqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDrpnInrtCmp_Per1_FrqDepDTrpnInrtCmp_Per1_FrqDepDr$	npnIn tgt_FrqDepDmpnInrtCmp_Per1_I	FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLo			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp	eed_I tgt_FrqDepDmpnInrtCmp_Per1_\	VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	125894.531	125894.531 ± 0.0625	

32 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3- 1 - 1 - 1		
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 FroDenDmnnInrtCmn Per1 FroDenDmnnInrtCmn MtrNm f32 value	0	0 + 0 00048828125	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~		

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
PreDecelGain_Uls_M_f32	125997.109	
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995	
Prev1SclDrvVel_RadpS_M_f32	-4021.30005	
Prev2PreAttnComp_MtrNm_M_f32	-2.2999995	
Prev2SclDrvVel_RadpS_M_f32	-363.200012	
PrevTbarAng_HwDeg_M_f32	0.158999994	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	-6.5999999	
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992	
k_CmnTbarStiff_NmpDeg_f32	6.19999981	
k_DmpDecelGainFSlew_UlspS_f32	400.049988	
k_DmpDecelGain_Uls_f32	6.5	
k_DmpGainOffThresh_KphpS_f32	44.5	
k_DmpGainOnThresh_KphpS_f32	20.6000004	
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1800	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176	
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240	
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272	
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336	
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384	

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



Name	Input Value
t2 FDD FreqTblYM Hz u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208 24986
t_DmpADDCoefX_MtrNm_u4p12[0] 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
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	8192 1427
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	1655
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884
t FDD ADDStaticTblY MtrNmpRadpS um1p17[3]	2112
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2340
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2568
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2796
t FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	3024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3252
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3480
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	656
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	720
t_FDD_AttenTblY_Uls_u8p8[0]	172
t_FDD_AttenTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[0]	18
t_FDD_BlendTblY_Uls_u8p8[1]	20
t_FDD_BlendTblY_Uls_u8p8[2]	23
t_FDD_BlendTblY_Uls_u8p8[3]	26
t_FDD_BlendTblY_Uls_u8p8[4]	28
t_FDD_BlendTblY_Uls_u8p8[5]	31
t_FDD_BlendTblY_Uls_u8p8[6]	33
t_FDD_BlendTbiY_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

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.01999998		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.30000019		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssiste	Cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAss	sistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorV	el tgt_FrqDepDmpnInrtCmp_Per1_CRFMot	orVel_MtrRadpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpnInrtCmp_FreqD$	pSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDep	DmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Inst_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_HwTorque_Inst_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_HwTorque_Inst_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_HwTorque_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInr$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLona			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAr			
Name	Actual Value	Expected Value	Result
ProPosalCain IIIa M f22	125006 212	125006 212 + 0.0625	Juil

2C			
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 FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126099.086
Prev1PreAttnComp_MtrNm_M_f32	4.4000001
Prev1SclDrvVel_RadpS_M_f32	1234.19995
Prev2PreAttnComp_MtrNm_M_f32	2.29999995
Prev2SclDrvVel_RadpS_M_f32	4678.2002
PrevTbarAng_HwDeg_M_f32	-0.128999993
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.5
k_CmnTbarStiff_NmpDeg_f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	500.019989
k_DmpDecelGain_Uls_f32	5.5999999
k_DmpGainOffThresh_KphpS_f32	8.60000038
k_DmpGainOnThresh_KphpS_f32	25.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTbIYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 720 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 736 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 752 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 768 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 784 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 800 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 816 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 832 t_CmnVehSpd_Kph_u9p7[0] 15488 t_CmnVehSpd_Kph_u9p7[1] 15616 15744 t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] 15872 16000 t_CmnVehSpd_Kph_u9p7[4] 16128 t CmnVehSpd Kph u9p7[5] t_CmnVehSpd_Kph_u9p7[6] 16256 t_CmnVehSpd_Kph_u9p7[7] 16384 t_CmnVehSpd_Kph_u9p7[8] 16512 16640 t CmnVehSpd Kph u9p7[9] $t_CmnVehSpd_Kph_u9p7[10]$ 16768 16896 t CmnVehSpd Kph u9p7[11] 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] t_DmpADDCoefX_MtrNm_u4p12[5] 30310 t_DmpADDCoefX_MtrNm_u4p12[6] 30720 t_DmpADDCoefX_MtrNm_u4p12[7] 31130 t_DmpADDCoefX_MtrNm_u4p12[8] 31539 t_DmpADDCoefX_MtrNm_u4p12[9] 31949 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 30592 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 30624 t DmpDecelGainSlewX MtrRadpS u11p5[2] 30656 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 30688 30720 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 30752 t_DmpDecelGainSlewY_UlspS_u13p3[0] 384 t_DmpDecelGainSlewY_UlspS_u13p3[1] 392 t_DmpDecelGainSlewY_UlspS_u13p3[2] 400 t DmpDecelGainSlewY UlspS_u13p3[3] 408 t_DmpDecelGainSlewY_UlspS_u13p3[4] 416 t DmpDecelGainSlewY_UlspS_u13p3[5] 424 t_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_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 4148 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572

4995

5419

768

800

218

220

20

23

26

28

31

33

36

38

41 44

46

49

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]

 $t_FDD_BlendTblY_Uls_u8p8[9]$ t_FDD_BlendTblY_Uls_u8p8[10]

t_FDD_BlendTblY_Uls_u8p8[11]

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
t RIAstWIRBIndTblY Uls u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1766		
t_WIRBIndTblX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_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	7.099999		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc		Cmd MtrNm f32	
tat 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	126098 086	126098 086 + 0 0625	rtoouit

20			
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	✓
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.10 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain Uls M f32	126201.063
Prev1PreAttnComp MtrNm M f32	-4.4000001
Prev1ScIDrvVel RadpS M f32	-270.200012
Prev2PreAttnComp MtrNm M f32	-1.70000005
Prev2ScIDrvVel_RadpS_M_f32	-15.3000002
PrevTbarAng_HwDeg_M_f32	0.27900014
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	-5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997
k CmnSysKinRatio MtrDegpHwDeg f32	80.0199966
k CmnTbarStiff NmpDeg f32	8.8000019
k DmpDecelGainFSlew UlspS f32	600.059998
k_DmpDecelGain_Uls_f32	7.1999981
k_DmpGainOffThresh_KphpS_f32	16.200008
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-005
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.200000003
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1655
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2796
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	3024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344

FrqDepDmpnInrtCmp_Per1

2015-10-26, 11:42:06+0530



Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 1360 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 1376 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 1392 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 1408 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 1424 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 1440 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 1456 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 1472 t_CmnVehSpd_Kph_u9p7[0] 10368 t_CmnVehSpd_Kph_u9p7[1] 10496 10624 t_CmnVehSpd_Kph_u9p7[2] t_CmnVehSpd_Kph_u9p7[3] 10752 10880 t_CmnVehSpd_Kph_u9p7[4] 11008 t CmnVehSpd Kph u9p7[5] 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 11776 t CmnVehSpd Kph u9p7[11] t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 t_DmpADDCoefX_MtrNm_u4p12[2] 25805 t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t_DmpADDCoefX_MtrNm_u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 t_DmpADDCoefX_MtrNm_u4p12[6] 27443 t_DmpADDCoefX_MtrNm_u4p12[7] 27853 t_DmpADDCoefX_MtrNm_u4p12[8] 28262 t_DmpADDCoefX_MtrNm_u4p12[9] 28672 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 27264 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 27296 t DmpDecelGainSlewX MtrRadpS u11p5[2] 27328 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 27360 27392 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 27424 t_DmpDecelGainSlewY_UlspS_u13p3[0] 3608 t_DmpDecelGainSlewY_UlspS_u13p3[1] 3616 t_DmpDecelGainSlewY_UlspS_u13p3[2] 3624 t DmpDecelGainSlewY UlspS_u13p3[3] 3632 t_DmpDecelGainSlewY_UlspS_u13p3[4] 3640 t DmpDecelGainSlewY_UlspS_u13p3[5] 3648 t_DmpFiltKpWIRBIndY_Uls_u2p14[0] 4915 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 6554 $t_DmpFiltKpWIRBIndY_Uls_u2p14[2]$ 8192 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 9830 $t_DmpFiltKpWIRBIndY_Uls_u2p14[4]$ 11469 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] 1789 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 2130 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 2471 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2811 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3152 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3493 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 3834 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4175 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4515 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 4856 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 784 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 880 t_FDD_AttenTblY_Uls_u8p8[0] 63 t_FDD_AttenTblY_Uls_u8p8[1] 66 t FDD BlendTblY Uls u8p8[0] 49 t_FDD_BlendTblY_Uls_u8p8[1] 51 t_FDD_BlendTblY_Uls_u8p8[2] 54 t_FDD_BlendTblY_Uls_u8p8[3] 57 t FDD BlendTblY Uls u8p8[4] 60 t_FDD_BlendTblY_Uls_u8p8[5] 63 t_FDD_BlendTblY_Uls_u8p8[6] 66 t_FDD_BlendTblY_Uls_u8p8[7] 68 t_FDD_BlendTblY_Uls_u8p8[8] 71 74 $t_FDD_BlendTblY_Uls_u8p8[9]$ t_FDD_BlendTblY_Uls_u8p8[10] 77 t_FDD_BlendTblY_Uls_u8p8[11] 80

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	1		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	5		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	6		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	10		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15		
t RIAstWIRBIndTblY Uls u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_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_MitNIT_dop0[3]	512		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_witrMn_isz.value	0		
tgt_FrqDepDmpnInrtCmp_Fe11_CKFMotorve1_MttRaupS_152.value tgt_FrqDepDmpnInrtCmp_Pe11_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-40.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.0200005 130.089996		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.0999999	Sound Milablan #22	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		i	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.859 ± 0.0625	✓

32 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 32 1 1 1 1 1 1 2		
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	~
tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

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Test Step 2.11 (Repeat Count = 1)	·
Name	Input Value
PreDecelGain_Uls_M_f32	126303.031
Prev1PreAttnComp_MtrNm_M_f32	5.5
Prev1SclDrvVel_RadpS_M_f32	6789
Prev2PreAttnComp_MtrNm_M_f32	1.70000005
Prev2SclDrvVel_RadpS_M_f32	5322.2002
PrevTbarAng_HwDeg_M_f32	-0.268999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.0199966
k_CmnTbarStiff_NmpDeg_f32	9.60000038
k_DmpDecelGainFSlew_UlspS_f32	700.02002
k_DmpDecelGain_Uls_f32	8.5
k_DmpGainOffThresh_KphpS_f32	24.1000004
k_DmpGainOnThresh_KphpS_f32	35.2999992
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_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
	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
	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]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 1200 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 1216 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 1232 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 1248 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 1264 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 1280 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 1296 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 1312 t_CmnVehSpd_Kph_u9p7[0] 5248 t_CmnVehSpd_Kph_u9p7[1] 5376 t_CmnVehSpd_Kph_u9p7[2] 5504 t_CmnVehSpd_Kph_u9p7[3] 5632 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 6656 t CmnVehSpd Kph u9p7[11] 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] t_DmpADDCoefX_MtrNm_u4p12[5] 30310 t_DmpADDCoefX_MtrNm_u4p12[6] 30720 t_DmpADDCoefX_MtrNm_u4p12[7] 31130 t_DmpADDCoefX_MtrNm_u4p12[8] 31539 t_DmpADDCoefX_MtrNm_u4p12[9] 31949 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 14592 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 14624 t DmpDecelGainSlewX MtrRadpS u11p5[2] 14656 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 14688 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 14720 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] 14752 t_DmpDecelGainSlewY_UlspS_u13p3[0] 288 t_DmpDecelGainSlewY_UlspS_u13p3[1] 296 t_DmpDecelGainSlewY_UlspS_u13p3[2] 304 t DmpDecelGainSlewY UlspS_u13p3[3] 312 t_DmpDecelGainSlewY_UlspS_u13p3[4] 320 t DmpDecelGainSlewY_UlspS_u13p3[5] 328 t_DmpFiltKpWIRBIndY_Uls_u2p14[0] 6554 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 8192 $t_DmpFiltKpWIRBIndY_Uls_u2p14[2]$ 9830 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 11469 $t_DmpFiltKpWIRBIndY_Uls_u2p14[4]$ 13107 t_FDD_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] 827 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 994 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] 1160 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 1326 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 1493 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 1659 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 944 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 960 t_FDD_AttenTblY_Uls_u8p8[0] 78 t_FDD_AttenTblY_Uls_u8p8[1] 80 t FDD BlendTblY Uls u8p8[0] 65 t_FDD_BlendTblY_Uls_u8p8[1] 68 t_FDD_BlendTblY_Uls_u8p8[2] 70 t_FDD_BlendTblY_Uls_u8p8[3] 73 t FDD BlendTblY Uls u8p8[4] 75 t_FDD_BlendTblY_Uls_u8p8[5] 78 t_FDD_BlendTblY_Uls_u8p8[6] 80

83

86 88

91

93

t_FDD_BlendTblY_Uls_u8p8[7]

t_FDD_BlendTblY_Uls_u8p8[8]

t_FDD_BlendTbIY_Uls_u8p8[9] t_FDD_BlendTbIY_Uls_u8p8[10]

t_FDD_BlendTblY_Uls_u8p8[11]

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
: InrtCmp ScaleFactorTblY Uls u9p7[1]	179		
InrtCmp ScaleFactorTblY Uls u9p7[2]	192		
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
InrtCmp ScaleFactorTblY Uls u9p7[4]	218		
InrtCmp ScaleFactorTblY Uls u9p7[5]	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
_inrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
_inrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	15		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	17		
:_IntrCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
: InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	19		
:_IntrCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
_InttCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
_inttCmp_tBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
_inttOmp_TBarVel_Ocaler actorTblY_Uls_u9p7[7]	24		
InrtCmp TBarVel_ScaleFactorTblY Uls u9p7[8]	26		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	27		
	28		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
	6554		
_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
_RIAstWIRBIndTbIY_UIs_u2p14[3]			
_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
_WIRBINdTbiX_MtrNm_u8p8[0]	666		
_WIRBIndTblX_MtrNm_u8p8[1]	691		
_WIRBINdTbIX_MtrNm_u8p8[2]	717		
_WIRBIndTbIX_MtrNm_u8p8[3]	742		
_WIRBIndTblX_MtrNm_u8p8[4]	768		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.0999999		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.200012		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5999999		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0200005		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.020004		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.10000002		
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I		_	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	mpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	126301.633	126301.633 ± 0.0625	

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126301.633	126301.633 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	1181610.88	1181610.5 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.2495117 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833343 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.9738059 ± 0.00390625	•
tat FraDenDmonlortCmn Per1 FraDenDmonlortCmn MtrNm f32 value	8 8000019	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.12 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain Uls M f32	126405.008
Prev1PreAttnComp MtrNm M f32	-5.5
Prev1ScIDrvVel RadpS M f32	-37.0299988
Prev2PreAttnComp MtrNm M f32	-8.3000019
Prev2ScIDrvVel_RadpS_M_f32	-42.2000008
PrevTbarAng_HwDeg_M_f32	2.45900011
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	-4.1999981
TbarVelFiltSv_M_str.K_UIs_f32	0.0254699998
k CmnSysKinRatio MtrDegpHwDeg f32	11.1199999
k CmnTbarStiff NmpDeg f32	1.5
k DmpDecelGainFSlew UlspS f32	800.01001
k_DmpDecelGain_Uls_f32	9.5
k_DmpGainOffThresh_KphpS_f32	32.2999992
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.00000014e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976
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_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419
t2 FDD FreqTblYM Hz u12p4[0][0]	1136
t2 FDD FreqTblYM Hz u12p4[0][1]	1152
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1168
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
t2_FDD_FreqTbIYM_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][7]	1264
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	1296
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	176
	192
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224
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2015-10-26, 11:42:06+0530



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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	240
2_FDD_FreqTblYM_Hz_u12p4[1][5]	256
2_FDD_FreqTblYM_Hz_u12p4[1][6]	272
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288
2_FDD_FreqTblYM_Hz_u12p4[1][8]	304
2_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]	3968
_CmnVehSpd_Kph_u9p7[1]	4096
CmnVehSpd Kph u9p7[2]	4224
CmnVehSpd Kph u9p7[3]	4352
_CmnVehSpd_Kph_u9p7[4]	4480
	4608
_CmnVehSpd_Kph_u9p7[5]	4736
_CmnVehSpd_Kph_u9p7[6]	4864
_CmnVehSpd_Kph_u9p7[7]	4992
_CmnVehSpd_Kph_u9p7[8]	
_CmnVehSpd_Kph_u9p7[9]	5120
_CmnVehSpd_Kph_u9p7[10]	5248
_CmnVehSpd_Kph_u9p7[11]	5376
_DmpADDCoefX_MtrNm_u4p12[0]	4506
_DmpADDCoefX_MtrNm_u4p12[1]	4915
_DmpADDCoefX_MtrNm_u4p12[2]	5325
_DmpADDCoefX_MtrNm_u4p12[3]	5734
_DmpADDCoefX_MtrNm_u4p12[4]	6144
_DmpADDCoefX_MtrNm_u4p12[5]	6554
_DmpADDCoefX_MtrNm_u4p12[6]	6963
_DmpADDCoefX_MtrNm_u4p12[7]	7373
_DmpADDCoefX_MtrNm_u4p12[8]	7782
_DmpADDCoefX_MtrNm_u4p12[9]	8192
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120
_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]	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]	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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	3068
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	3409
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1008
_FDD_AttenTbIX_MtrRadpS_u12p4[1]	1040
_FDD_AttenTblY_Uls_u8p8[0]	106
_FDD_AttenTblY_Uls_u8p8[1]	109
_FDD_BlendTblY_Uls_u8p8[0]	93
FDD_BlendTblY_Uls_u8p8[1]	96
FDD_BlendTblY_Uls_u8p8[2]	99
FDD_BlendTblY_Uls_u8p8[3]	101
_FDD_BlendTblY_Uls_u8p8[4]	104
_FDD_BlendTblY_Uls_u8p8[5]	106
FDD_BlendTblY_Uls_u8p8[6]	109
	111
_FDD_BlendTblY_Uls_u8p8[7]	
_FDD_BlendTblY_Uls_u8p8[8]	114
_FDD_BlendTblY_Uls_u8p8[9]	116
_FDD_BlendTblY_Uls_u8p8[10] _FDD_BlendTblY_Uls_u8p8[11]	119
	122

2015-10-26, 11:42:06+0530



_InrtCmp_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	205 218 230 243 256 269 282 294 307 320 333 346 31	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_ScaleFactorTblY_Uls_u9p7[5] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	230 243 256 269 282 294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_ScaleFactorTblY_Uls_u9p7[5] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	243 256 269 282 294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_ScaleFactorTblY_Uls_u9p7[5] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	256 269 282 294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] _InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	269 282 294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6] _InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	282 294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] _InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	294 307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] _InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	307 320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] _InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	320 333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] _InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	333 346	
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	346	
_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[0] _InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[5]		
_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[5]	31	
_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[1] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[5]		
_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[2] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[5]	32	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	33	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4] _InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	35	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	36	
	37	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38	
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40	
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	41	
	42	
	44	
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	45	
RIAstWIRBIndTbIY UIs u2p14[0]	8192	
RIAstWIRBIndTbIY Uls u2p14[1]	9830	
RIAstWIRBIndTblY_Uls_u2p14[2]	11469	
RIAstWIRBIndTblY_Uls_u2p14[3]	13107	
RIAstWIRBIndTblY_Uls_u2p14[4]	14746	
: WIRBIndTbIX MtrNm u8p8[0]	922	
WIRBIndTbIX MtrNm u8p8[1]	947	
	973	
WIRBIndTbIX MtrNm u8p8[3]	998	
WIRBIndTbIX_MtrNm_u8p8[4]	1024	
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.20000005	
gt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	350.299988	
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1	
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.70000005	
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	22.0300007	
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.029999	
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.20000005	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssis		
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDn		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLor		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA		
усткіе_пізс_хр_ті фоеропірпішкопір. і фоеропірпішкопір_г егі _vvikonid. Vame	Actual Value Expected Value	Resu
PreDecelGain I lls M f32	Actual value Expected Value	Resu

20	h = . .3	- 1 - 2			
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 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

T4 04-9 0 40 (D-9-4 0-994 - 4)	
Test Step 2.13 (Repeat Count = 1)	V
Name	Input Value
PreDecelGain_Uls_M_f32	126506.984
Prev1PreAttnComp_MtrNm_M_f32	6.599999
Prev1SclDrvVel_RadpS_M_f32	26.0200005
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2SclDrvVel_RadpS_M_f32	17.2000008
PrevTbarAng_HwDeg_M_f32	-1.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0214499999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.1299992
k_CmnTbarStiff_NmpDeg_f32	2.5
k_DmpDecelGainFSlew_UlspS_f32	900.030029
k_DmpDecelGain_Uls_f32	1.10000002
k_DmpGainOffThresh_KphpS_f32	40.2000008
k_DmpGainOnThresh_KphpS_f32	45.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_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
	176
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	208
	224
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	
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

2015-10-26, 11:42:06+0530



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Name	Input Value	
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	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	624	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
	656	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	672	
CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd Kph u9p7[2]	384	
CmnVehSpd Kph u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
	768	
_CmnVehSpd_Kph_u9p7[5]		
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
_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]	25216	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	25248	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25280	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	25312	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	25344	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	25376	
_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
DmpDecelGainSlewY UlspS u13p3[2]	464	
DmpDecelGainSlewY UlspS u13p3[3]	472	
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1088	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1120	
FDD_AttenTblY_Uls_u8p8[0]	129	
FDD_AttenTblY_Uls_u8p8[1]	131	
FDD_BlendTbIY_Uls_u8p8[0]	116	
FDD_BlendTblY_Uls_u8p8[1]	118	
FDD_BlendTblY_Uls_u8p8[2]	121	
	123	
FDD_BlendTblY_Uls_u8p8[3]		
FDD_BlendTblY_Uls_u8p8[4]	126	
FDD_BlendTblY_Uls_u8p8[5]	129	
FDD_BlendTbIY_Uls_u8p8[6]	131	
FDD_BlendTbIY_Uls_u8p8[7]	134	
FDD_BlendTbIY_Uls_u8p8[8]	136	
_FDD_BlendTblY_Uls_u8p8[9]	139	
_FDD_BlendTblY_Uls_u8p8[10]	141	

2015-10-26, 11:42:06+0530



Nama	Innut Value		
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd MtrNm f32	
tat 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	<u> </u>		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpl			
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	126505.188	126505.188 ± 0.0625	Ivesui
- I EDECEIGAIII_UI3_IVI_I32	120000.100	120000.100 ± 0.0020	

	1 3 1 1 1 1 1 1 1 1		
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	✓
tot FrgDenDmpnInrtCmp Per1 FrgDenDmpnInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	✓

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Test Step 2.14 (Repeat Count = 1)	V
Name	Input Value
PreDecelGain_Uls_M_f32	126608.961
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999
Prev1SclDrvVel_RadpS_M_f32	-33.0499992
Prev2PreAttnComp_MtrNm_M_f32	-7.5
Prev2SclDrvVel_RadpS_M_f32	-922.299988
PrevTbarAng_HwDeg_M_f32	1.15999997
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.0369199999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.1500015
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	1000.04999
k_DmpDecelGain_Uls_f32	1.5
k_DmpGainOffThresh_KphpS_f32	48.2000008
k_DmpGainOnThresh_KphpS_f32	47.5999985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2 FDD FreqTblYM Hz u12p4[0][1]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
	608
t2_FDD_FreqTblYM_Hz_u12p4[0][7] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
12_FDD_FreqTblYM_Hz_u12p4[0][0] 12 FDD FreqTblYM Hz_u12p4[0][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
	672
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112

2015-10-26, 11:42:06+0530



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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2 FDD FregTblYM Hz u12p4[1][8]	192	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	208	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	224	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
t_CmnVehSpd_Kph_u9p7[0]	2560	
	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
:_CmnVehSpd_Kph_u9p7[4]	7680	
	8960	
t_CmnVehSpd_Kph_u9p7[5]		
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
:_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
:_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
t_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
t_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
t_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3264	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328	
	3360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688	
t DmpDecelGainSlewY UlspS u13p3[2]	696	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
t DmpDecelGainSlewY UlspS u13p3[4]	712	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
t DmpFiltKpWIRBIndY Uls u2p14[0]	3277	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1254	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1585	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1695	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152	
:_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200	
_FDD_AttenTblY_Uls_u8p8[0]	157	
FDD_AttenTblY_Uls_u8p8[1]	161	
_FDD_BlendTblY_Uls_u8p8[0]	144	
FDD_BlendTblY_Uls_u8p8[1]	146	
r_FDD_BlendTblY_Uls_u8p8[2]	149	
EFDD_BlendTblY_Uls_u8p8[3]	152	
:_FDD_BlendTblY_Uls_u8p8[4]	154	
_FDD_BlendTblY_Uls_u8p8[5]	157	
FDD_BlendTblY_Uls_u8p8[6]	159	
DD_Diona i Di i _olo_dopo[o]	162	
FDD RlandThIV Lile (185917)	102	
	164	
t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8]	164	
	164 167 169	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		Cmd_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_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_WIRCmdAmpE			
			1
Name	Actual Value	Expected Value	Resul

3	3- 1 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	•
tot FroDenDmnnInrtCmn Per1 FroDenDmnnInrtCmn 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126710.938
Prev1PreAttnComp_MtrNm_M_f32	7.69999981
Prev1SclDrvVel_RadpS_M_f32	18.0300007
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.5
PrevTbarAng_HwDeg_M_f32	-0.920000017
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.5099983
k_CmnTbarStiff_NmpDeg_f32	4.5
k_DmpDecelGainFSlew_UlspS_f32	1100.02002
k_DmpDecelGain_Uls_f32	1.8999998
k_DmpGainOffThresh_KphpS_f32	4.19999981
k_DmpGainOnThresh_KphpS_f32	30.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000119999997
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1504
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1520
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1568
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128

2015-10-26, 11:42:06+0530



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Name	Input Value	
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	
	1568	
_DmpDecelGainSlewY_UlspS_u13p3[4]		
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	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_BlendTbIY_Uls_u8p8[0]	172	
FDD_BlendTblY_Uls_u8p8[1]	174	
FDD_BlendTblY_Uls_u8p8[2]	176	
FDD_BlendTblY_Uls_u8p8[3]	178	
FDD_BlendTblY_Uls_u8p8[4]	180	
FDD_BlendTblY_Uls_u8p8[5]	183	
_FDD_BlendTbIY_Uls_u8p8[6]	185	
FDD_BlendTblY_Uls_u8p8[7]	187	
_FDD_BlendTblY_Uls_u8p8[8]	189	
_FDD_BlendTblY_Uls_u8p8[9]	191	
_FDD_BlendTblY_Uls_u8p8[10]	193	
	195	

2015-10-26, 11:42:06+0530



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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
_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_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-300.100006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.19999981		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-22.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.5999999		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee		- · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	<u> </u>		
Name	Actual Value	Expected Value	Resu
PreDecelGain_Uls_M_f32	126710.938	126710.938 ± 0.0625	
Prev1PreAttnComp MtrNm M f32	26591.9277	26591.9277 ± 0.09	

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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	~
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126812.906
Prev1PreAttnComp_MtrNm_M_f32	-7.69999981
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2ScIDrvVel_RadpS_M_f32	-297.299988
PrevTbarAng_HwDeg_M_f32	1.14499998
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.19999981
TbarVelFiltSv_M_str.K_Uls_f32	0.0325700007
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.1199989
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05005
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.19999981
k_DmpGainOnThresh_KphpS_f32	35.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTbIYM_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_FreqTbIYM_Hz_u12p4[0][0]	
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	608 624
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640 656
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144

2015-10-26, 11:42:06+0530



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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176
2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
_CmnVehSpd_Kph_u9p7[0]	128
_CmnVehSpd_Kph_u9p7[1]	256
_CmnVehSpd_Kph_u9p7[2]	384
:_CmnVehSpd_Kph_u9p7[3]	512
	640
	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[1]	5312
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344
_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
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
	8192
DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360
_FDD_AttenTblY_Uls_u8p8[0]	230
_FDD_AttenTblY_Uls_u8p8[1]	232
_FDD_BlendTblY_Uls_u8p8[0]	218
_FDD_BlendTblY_Uls_u8p8[1]	220
_FDD_BlendTblY_Uls_u8p8[2]	223
_FDD_BlendTblY_Uls_u8p8[3]	225
_FDD_BlendTblY_Uls_u8p8[4]	227
_FDD_BlendTblY_Uls_u8p8[5]	230
_FDD_BlendTblY_Uls_u8p8[6]	232
	234
FDD BlendThlY Uls u8n8f71	LOT
	237
:_FDD_BlendTblY_Uls_u8p8[8]	237
t_FDD_BlendTbIY_Uls_u8p8[7] t_FDD_BlendTbIY_Uls_u8p8[8] t_FDD_BlendTbIY_Uls_u8p8[9] t_FDD_BlendTbIY_Uls_u8p8[10]	237 239 241

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTblY_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_Igc.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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssis	tgt_FrqDepDmpnInrtCmp_Per1_B	aseAssistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLo			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	126812.906	126812.906 ± 0.0625	
. 105000.0a.i0.0_m_102	.23012.000	120012.000 1 0.0020	

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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	8 80000019	8 80000019 + 0 00048828125	✓



st 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.17 (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	126914.883
Prev1PreAttnComp MtrNm M f32	1.5
Prev1ScIDrvVel RadpS M f32	24.6000004
Prev2PreAttnComp MtrNm M f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.200012
PrevTbarAng_HwDeg_M_f32	-0.978999972
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.3000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0963210016
k CmnSysKinRatio MtrDegpHwDeg f32	66.1299973
k CmnTbarStiff NmpDeg f32	6.5
k DmpDecelGainFSlew UlspS f32	1300.06006
k_DmpDecelGain_Uls_f32	5.599999
k_DmpGainOffThresh_KphpS_f32	12.1999998
k_DmpGainOnThresh_KphpS_f32	40.099985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	683
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2387
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	2728
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
t2 FDD FreqTblYM Hz u12p4[0][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
t2 FDD FreqTblYM Hz u12p4[0][9]	1280
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
- To salver in Trieffered it ittel	

2015-10-26, 11:42:06+0530



· —	
Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
2_FDD_FreqTbIYM_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]	784 800
2_FDD_FreqTbIYM_Hz_u12p4[1][9] 2_FDD_FreqTbIYM_Hz_u12p4[1][10]	816
2_FDD_FreqTblYM_Hz_u12p4[1][10] 2_FDD_FreqTblYM_Hz_u12p4[1][11]	832
_CmnVehSpd_Kph_u9p7[0]	2560
_CmnVehSpd_Kph_u9p7[1]	3840
CmnVehSpd Kph u9p7[2]	5120
CmnVehSpd Kph u9p7[3]	6400
_CmnVehSpd_Kph_u9p7[4]	7680
_CmnVehSpd_Kph_u9p7[5]	8960
_CmnVehSpd_Kph_u9p7[6]	10240
_CmnVehSpd_Kph_u9p7[7]	11520
_CmnVehSpd_Kph_u9p7[8]	12800
_CmnVehSpd_Kph_u9p7[9]	14080
_CmnVehSpd_Kph_u9p7[10]	15360
CmnVehSpd Kph u9p7[11]	16640
_DmpADDCoefX_MtrNm_u4p12[0]	16794
_DmpADDCoefX_MtrNm_u4p12[1]	17203
DmpADDCoefX_MtrNm_u4p12[1]	17613
_DmpADDCoefX_MtrNm_u4p12[2] _DmpADDCoefX_MtrNm_u4p12[3]	18022
_DmpADDCcetX_MtrNm_u4p12[3] _DmpADDCcefX_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[0]	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
DmpDecelGainSlewY UlspS u13p3[1]	1616
_DmpDecelGainSlewY_UlspS_u13p3[2]	1624
_DmpDecelGainSlewY_UlspS_u13p3[3]	1632
_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_UIs_u2p14[3]	13107
DmpFiltKpWIRBIndY_UIs_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
FDD_AttenTblY_Uls_u8p8[1]	74
_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_BlendTblY_Uls_u8p8[4]	13
_FDD_BlendTblY_Uls_u8p8[5]	15
_FDD_BlendTblY_Uls_u8p8[6]	18
_FDD_BlendTblY_Uls_u8p8[7]	20
55_5/6/10 1 5/1_6/6_dopo[/]	23
FDD BlendThlY Uls u8n8f81	
_FDD_BlendTbIY_Uls_u8p8[8] _FDD_BlendTbIY_Uls_u8p8[9] _FDD_BlendTbIY_Uls_u8p8[10]	26 28

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t InrtCmp TBarVel_ScaleFactorTblY Uls u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15		
t_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 WIRBIndTbIX MtrNm u8p8[2]	973		
t_WIRBIndTbiX_MtrNm_u8p8[3]	998		
t WIRBIndTbIX MtrNm u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-200.399994		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.0600014		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.029999		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCn		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Resul
			Resul
PreDecelGain_Uls_M_f32	126912.281	126912.281 ± 0.0625	

20	h = . .3		
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 FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.18 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain_Uls_M_f32	127016.859
Prev1PreAttnComp MtrNm M f32	-1.5
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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv M str.K Uls f32	0.0478519984
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1399994
k CmnTbarStiff NmpDeg f32	7.5
k DmpDecelGainFSlew UlspS f32	1400.05005
k_DmpDecelGain_Uls_f32	2.0999999
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	45.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000150000007
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1038
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224

2015-10-26, 11:42:06+0530



nDepDmpnInrtCmp_Per1		102016
ne	Input Value	
DD_FreqTblYM_Hz_u12p4[1][4]	240	
DD_FreqTbIYM_Hz_u12p4[1][5]	256	
DD_FreqTbIYM_Hz_u12p4[1][6]	272	
DD_FreqTblYM_Hz_u12p4[1][7]	288	
DD_FreqTbIYM_Hz_u12p4[1][8]	304	
DD_FreqTbIYM_Hz_u12p4[1][9]	320	
DD_FreqTblYM_Hz_u12p4[1][10]	336	
DD_FreqTblYM_Hz_u12p4[1][11]	352	
nnVehSpd_Kph_u9p7[0]	12800	
nnVehSpd_Kph_u9p7[1]	12928	
nnVehSpd_Kph_u9p7[2]	13056	
nnVehSpd_Kph_u9p7[3]	13184	
nnVehSpd_Kph_u9p7[4]	13312	
nnVehSpd_Kph_u9p7[5]	13440	
nnVehSpd_Kph_u9p7[6]	13568	
nnVehSpd_Kph_u9p7[7]	13696	
nnVehSpd_Kph_u9p7[8]	13824	
nnVehSpd_Kph_u9p7[9]	13952	
nnVehSpd_Kph_u9p7[10]	14080	
nnVehSpd_Kph_u9p7[11]	14208	
npADDCoefX_MtrNm_u4p12[0]	20890	
npADDCoefX_MtrNm_u4p12[1]	21299	
npADDCoefX_MtrNm_u4p12[2]	21709	
npADDCoefX_MtrNm_u4p12[3]	22118	
npADDCoefX_MtrNm_u4p12[4]	22528	
npADDCoefX_MtrNm_u4p12[5]	22938	
npADDCoefX_MtrNm_u4p12[6]	23347	
npADDCoefX_MtrNm_u4p12[7]	23757	
npADDCoefX_MtrNm_u4p12[8]	24166	
npADDCoefX_MtrNm_u4p12[9]	24576	
npDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
npDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
npDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
npDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
npDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
npDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
npDecelGainSlewY_UlspS_u13p3[0]	2408	
npDecelGainSlewY_UlspS_u13p3[1]	2416	
npDecelGainSlewY_UlspS_u13p3[2]	2424	
npDecelGainSlewY_UlspS_u13p3[3]	2432	
npDecelGainSlewY_UlspS_u13p3[4]	2440	
npDecelGainSlewY_UlspS_u13p3[5]	2448	
npFiltKpWIRBIndY_Uls_u2p14[0]	1638	
npFiltKpWIRBIndY_Uls_u2p14[1]	3277	
npFiltKpWIRBIndY_Uls_u2p14[2]	4915	
npFiltKpWIRBIndY Uls u2p14[3]	6554	
npFiltKpWIRBIndY Uls u2p14[4]	8192	
DD ADDStaticTblY MtrNmpRadpS um1p17[0]	342	
D ADDStaticTblY MtrNmpRadpS um1p17[1]	683	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
DD ADDStaticTblY MtrNmpRadpS um1p17[7]	2728	
D_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
D ADDStaticTbN MtrNmpRadpS um1p17[9]	3409	
D_AbbStaticToH_MttNiipRadpS_uHTpH/[9]	1520	
D_AttenTblX_MtrRadpS_u12p4[0]	1536	
D_AttenTblX_MtrRadpS_u12p4[1] D_AttenTblY_Uls_u8p8[0]	86	
D_AttenTblY_Uls_u8p8[1]	88	
D_BlendTblY_Uls_u8p8[0]	5	
	8	
D_BlendTblY_Uls_u8p8[1]		
ID_BlendTblY_Uls_u8p8[2]	10	
D_BlendTblY_Uls_u8p8[3]	13	
D_BlendTblY_Uls_u8p8[4]	15	
D_BlendTblY_Uls_u8p8[5]	18	
D_BlendTbIY_Uls_u8p8[10]		
ID_BlendTbIY_Uls_u8p8[6] ID_BlendTbIY_Uls_u8p8[7] ID_BlendTbIY_Uls_u8p8[8] ID_BlendTbIY_Uls_u8p8[9] ID_BlendTbIY_Uls_u8p8[9] ID_BlendTbIY_Uls_u8p8[10] ID_BlendTbIY_Uls_u8p8[11]	20 23 26 28 31	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	29		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t WIRBIndTbIX MtrNm u8p8[3]	1254		
t WIRBIndTbIX MtrNm u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	100.800003		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		stCmd MtrNm f32	
tat 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_WIRCmdAmpE			
Name	Actual Value	Expected Value	Result
PreDecelGain Llls M f32	127014 063	127014 063 + 0 0625	Result

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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	✓
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_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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.60000002
TbarVelFiltSv_M_str.K_Uls_f32	0.235599995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.1500015
k_CmnTbarStiff_NmpDeg_f32	8.5
k_DmpDecelGainFSlew_UlspS_f32	1500.02002
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	20.6000004
k_DmpGainOnThresh_KphpS_f32	22.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000159999996
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48
2_FDD_FreqTblYM_Hz_u12p4[0][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208
t2_FDD_FreqTbIYM_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

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1		MACILAU
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	560	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	576	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	592	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	608	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	624	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	656	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	672	
_CmnVehSpd_Kph_u9p7[0]	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_BlendTbIY_Uls_u8p8[1]	13	
FDD_BlendTblY_Uls_u8p8[2]	15	
FDD_BlendTblY_Uls_u8p8[3]	18	
FDD_BlendTblY_Uls_u8p8[4]	20	
FDD_BlendTblY_Uls_u8p8[5]	23	
FDD_BlendTblY_Uls_u8p8[6]	26	
FDD_BlendTblY_Uls_u8p8[7]	28	
FDD_BlendTblY_Uls_u8p8[8]	31	
FDD_BlendTblY_Uls_u8p8[9]	33	
FDD_BlendTblY_Uls_u8p8[10]	36	
FDD_BlendTblY_Uls_u8p8[11]	38	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t WIRBIndTbIX MtrNm u8p8[3]	1510		
t WIRBIndTbIX 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	4.19999981		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1 Ba	aseAssistCmd_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	n tgt_FrqDepDmpnInrtCmp_Per1_Fr	qDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127115 836	127115 836 + 0 0625	

20			
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	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	~
Pto Call ErgDopDmpnInrtCmp Port CP1 ChackpointPeached	1	Pte Call FraDenDmnnInrtCmn Per1 CP1 ChecknointReached	1	

Test Step 2.20 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain Uls M f32	127220.813
Prev1PreAttnComp MtrNm M f32	-2.5
Prev1ScIDrvVel RadpS M f32	-69.5999985
Prev2PreAttnComp_MtrNm_M_f32	-3.5
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	2.599999
k_DmpGainOffThresh_KphpS_f32	22.2999992
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000300000014
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	328
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	661
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	827
t2_FDD_ADDRollingTbIYM_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][7]	1493
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	161
	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994 1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1	MAC	TOTAL
Name	Input Value	
2 FDD FregTblYM Hz u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	800	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
2_FDD_freqTblYM_Hz_u12p4[1][11]	832	
CmnVehSpd Kph u9p7[0]	10368	
CmnVehSpd Kph u9p7[1]	10496	
	10624	
_CmnVehSpd_Kph_u9p7[2]		
CmnVehSpd_Kph_u9p7[3]	10752	
CmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
CmnVehSpd_Kph_u9p7[6]	11136	
CmnVehSpd_Kph_u9p7[7]	11264	
CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
DmpADDCoefX_MtrNm_u4p12[0]	28262	
DmpADDCoefX_MtrNm_u4p12[1]	28672	
DmpADDCoefX_MtrNm_u4p12[2]	29082	
DmpADDCoefX_MtrNm_u4p12[3]	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]	5792	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
DmpDecelGainSiewx_MitrRadpS_u11p5[1] DmpDecelGainSiewX_MtrRadpS_u11p5[2]	5856	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
_DmpDecelGainSlewY_UlspS_u13p3[1]	3616	
_DmpDecelGainSlewY_UlspS_u13p3[2]	3624	
_DmpDecelGainSlewY_UlspS_u13p3[3]	3632	
DmpDecelGainSlewY_UlspS_u13p3[4]	3640	
_DmpDecelGainSlewY_UlspS_u13p3[5]	3648	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
DmpFiltKpWIRBIndY Uls u2p14[3]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	704	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	814	
	924	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]		
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1616	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1680	
FDD_AttenTblY_Uls_u8p8[0]	136	
FDD_AttenTblY_Uls_u8p8[1]	139	
FDD_BlendTblY_Uls_u8p8[0]	13	
FDD_BlendTblY_Uls_u8p8[1]	15	
FDD_BlendTblY_Uls_u8p8[2]	18	
FDD_BlendTbIY_Uls_u8p8[3]	20	
FDD_BlendTblY_Uls_u8p8[4]	23	
FDD_BlendTblY_Uls_u8p8[5]	26	
FDD_BlendTblY_Uls_u8p8[6]	28	
FDD_BlendTbIY_Uls_u8p8[7]	31	
FDD_BlendTbIY_Uls_u8p8[8]	33	
FDD_BlendTbIY_Uls_u8p8[9]	36	
_FDD_BlendTblY_Uls_u8p8[10]	38	
	41	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_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		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	150.5		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.69999981		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.0500002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr		tCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Result
ProDocalCain IIIa M #22	127217 600	127217 600 + 0.0625	rtocart

@C			
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	~
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp 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_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
Prev1ScIDrvVel RadpS M f32	-49.2000008
Prev2PreAttnComp_MtrNm_M_f32	-2.4000001
Prev2SclDrvVel_RadpS_M_f32	-366.200012
PrevTbarAng_HwDeg_M_f32	-6.77099991
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-1.5
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999
k CmnSysKinRatio MtrDegpHwDeg f32	27.0200005
k CmnTbarStiff NmpDeg f32	1,29999995
k DmpDecelGainFSlew UlspS f32	1700.05005
k_DmpDecelGain_Uls_f32	2.0999999
k_DmpGainOffThresh_KphpS_f32	16.2000008
k_DmpGainOnThresh_KphpS_f32	44.200008
k_InrtCmp_MtrInertia_KgmSq_f32	0.0031000003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][6]	2387
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2 FDD FreqTblYM Hz u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
t2 FDD FreqTblYM Hz u12p4[0][7]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48
	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64

2015-10-26, 11:42:06+0530



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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	192	
_CmnVehSpd_Kph_u9p7[0]	5248	
_CmnVehSpd_Kph_u9p7[1]	5376	
CmnVehSpd_Kph_u9p7[2]	5504	
CmnVehSpd_Kph_u9p7[3]	5632	
_CmnVehSpd_Kph_u9p7[4]	5760	
CmnVehSpd_Kph_u9p7[5]	5888	
_CmnVehSpd_Kph_u9p7[6]	6016	
_CmnVehSpd_Kph_u9p7[7]	6144	
_CmnVehSpd_Kph_u9p7[8]	6272	
_CmnVehSpd_Kph_u9p7[9]	6400	
CmnVehSpd Kph u9p7[10]	6528	
	6656	
_CmnVehSpd_Kph_u9p7[11]		
_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]	9120	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	288	
_DmpDecelGainSlewY_UlspS_u13p3[1]	296	
DmpDecelGainSlewY UlspS u13p3[2]	304	
_DmpDecelGainSlewY_UlspS_u13p3[3]	312	
_DmpDecelGainSlewY_UlspS_u13p3[4]	320	
DmpDecelGainSlewY_UlspS_u13p3[5]	328	
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]	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_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1490	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1591	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1793	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728	
_FDD_AttenTbIX_MtrRadpS_u12p4[1]	1760	
FDD_AttenTblY_Uls_u8p8[0]	166	
FDD_AttenTblY_Uls_u8p8[1]	166	
_FDD_BlendTblY_Uls_u8p8[0]	15	
_FDD_BlendTblY_Uls_u8p8[1]	18	
FDD_BlendTblY_Uls_u8p8[2]	20	
FDD_BlendTblY_Uls_u8p8[3]	23	
FDD_BlendTblY_Uls_u8p8[4]	26	
FDD_BlendTblY_Uls_u8p8[5]	28	
FDD_BlendTblY_Uls_u8p8[6]	31	
	33	
_FDD_BlendTblY_Uls_u8p8[7] FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[8]	36	
_FDD_BlendTblY_Uls_u8p8[9]	38	
_FDD_BlendTblY_Uls_u8p8[10]	41	
_FDD_BlendTblY_Uls_u8p8[11]		

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
	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_RIAstWIRBindTbiY_Uis_u2p14[1]	8192		
t RIAstWIRBIndTblY Uls u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t WIRBIndTbIX MtrNm u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.60000002		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-150.600006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.80000019		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	14.0600004		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0		
	-	and MtrNm f32	
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_FrqDepDmpnInt			
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	ı∣tgt_⊦rq∪ep∪mpninrtCmp_Per1_WIRCmdAm	ipsina_MtrNm_t32	
Name	Actual Value	Expected Value	Resu

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	~
tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp 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_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
Prev1ScIDrvVel RadpS M f32	22.2999992
Prev2PreAttnComp_MtrNm_M_f32	2.400001
Prev2ScIDrvVel RadpS M f32	115.19997
PrevTbarAng_HwDeg_M_f32	3.40300012
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	2.5999999
TbarVelFiltSv M str.K Uls f32	0.33660006
	26.0300007
k_CmnSysKinRatio_MtrDegpHwDeg_f32 k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	1800.06006 2.2000005
k_DmpDecelGain_Uls_f32	20.2999992
k_DmpGainOffThresh_KphpS_f32	
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1		MACICAL
Name	Input Value	
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_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	3968	
_CmnVehSpd_Kph_u9p7[1]	4096 4224	
_CmnVehSpd_Kph_u9p7[2] CmnVehSpd Kph u9p7[3]	4352	
CmnVehSpd_Kph_u9p7[3]	4480	
_CmnVehSpd_Kph_u9p7[5]	4608	
_CmnVehSpd_Kph_u9p7[6]	4736	
_CmnVehSpd_Kph_u9p7[7]	4864	
CmnVehSpd_Kph_u9p7[8]	4992	
CmnVehSpd Kph u9p7[9]	5120	
CmnVehSpd_Kph_u9p7[10]	5248	
CmnVehSpd Kph u9p7[11]	5376	
DmpADDCoefX_MtrNm_u4p12[0]	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]	32320	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480	
_DmpDecelGainSlewY_UlspS_u13p3[0]	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]	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]	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]	1776	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1840	
FDD_AttenTblY_Uls_u8p8[0]	189	
FDD_AttenTblY_Uls_u8p8[1]	191	
FDD_BlendTblY_Uls_u8p8[0]	18	
FDD_BlendTblY_Uls_u8p8[1]	20	
FDD_BlendTblY_Uls_u8p8[2]	23	
FDD_BlendTbIY_Uls_u8p8[3]	26	
_FDD_BlendTbIY_Uls_u8p8[4]	28	
FDD_BlendTbIY_Uls_u8p8[5]	31	
_FDD_BlendTbIY_Uls_u8p8[6]	33	
_FDD_BlendTbIY_Uls_u8p8[7]	36	
_FDD_BlendTbIY_Uls_u8p8[8]	38	
FDD_BlendTbIY_Uls_u8p8[9]	41	
_FDD_BlendTblY_Uls_u8p8[10]	44	
_FDD_BlendTblY_Uls_u8p8[11]	46	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	88		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	90		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	91		
t RIAstWIRBIndTbIY Uls u2p14[0]	8192		
t RIAstWIRBIndTbIY Uls u2p14[1]	9830		
t RIAstWIRBIndTbIY Uls u2p14[2]	11469		
t RIAstWIRBIndTbIY Uls u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t WIRBIndTbIX MtrNm u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t WIRBIndTbIX MtrNm u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.10000002		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	250.020004		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	9.19999981		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	15.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	230.029999		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	8.80000019		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmo		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	· - · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
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			
устко_пас_ур_ түрсрыпришкотры түрсрыпришкотр_ ст _wirtonidAmpb Name	Actual Value	Expected Value	Resul
Hamic	Actual value	Expected value	Result

	32 1 1 1 1 1 2 2		
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	~
tot FroDenDmonlortCmp Per1 FroDenDmonlortCmp MtrNm f32 value	-8 80000019	-8 80000019 + 0 00048828125	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.23 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1SclDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002
Prev2SclDrvVel_RadpS_M_f32	-380.200012
PrevTbarAng_HwDeg_M_f32	-3.05999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-2.5
barVelFiltSv_M_str.K_Uls_f32	0.448799998
C_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
_CmnTbarStiff_NmpDeg_f32	3.099999
DmpDecelGainFSlew UlspS f32	1900.07996
 DmpDecelGain_Uls_f32	2.5999999
 _DmpGainOffThresh_KphpS_f32	22.5
 DmpGainOnThresh_KphpS_f32	16.2000008
	0.00033000001
	0.69999988
	704
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	814
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	924
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
2_FDD_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_ADDRollingTbIYM_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]	96
2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
2_FDD_reqTblYM_Hz_u12p4[0][5]	176
2_FDD_FreqTbIYM_Hz_u12p4[0][6]	192
2_FDD_FreqTbIYM_Hz_u12p4[0][0] 2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
2_FDD_FreqTbIYM_Hz_u12p4[0][7] 2_FDD_FreqTbIYM_Hz_u12p4[0][8]	224
2_FDD_FIEQTBITM_FI2_U12P4[0][6] 2 FDD FreqTbIYM Hz u12p4[0][9]	240
z_FDD_FreqTblYM_Hz_u12p4[0][10]	256
2_FDD_FreqTbIYM_Hz_u12p4[0][10] 2_FDD_FreqTbIYM_Hz_u12p4[0][11]	272
2_FDD_FreqTblYM_Hz_u12p4[J][1] 2_FDD_FreqTblYM_Hz_u12p4[1][0]	48
	64
2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
2_FDD_FreqTblYM_Hz_u12p4[1][2]	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96

2015-10-26, 11:42:06+0530



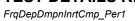
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	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	
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]	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	
	480	
_DmpDecelGainSlewY_UlspS_u13p3[4]		
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
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]	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	
	1760	
FDD_AttenTblX_MtrRadpS_u12p4[0]		
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_BlendTbIY_Uls_u8p8[1]	23	
FDD_BlendTbIY_Uls_u8p8[2]	26	
FDD_BlendTblY_Uls_u8p8[3]	28	
FDD_BlendTblY_Uls_u8p8[4]	31	
FDD_BlendTblY_Uls_u8p8[5]	33	
FDD_BlendTblY_Uls_u8p8[6]	36	
FDD_BlendTbIY_UIs_u8p8[7]	38	
FDD_BlendTblY_Uls_u8p8[8]	41	
	41	
FDD_BlendTblY_Uls_u8p8[9]		
_FDD_BlendTblY_Uls_u8p8[10]	46 49	
_FDD_BlendTblY_Uls_u8p8[11]		

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	104		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	105		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
t 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]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_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_Nvinique_nwini_i3z.value	35.0099983		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.050003		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBlnd MtrNm f32.value	5.5		
tgt_FtqDepDmprimitCmp_Fet1_wtkCmtdAmpbilid_intittin_i52.value tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd 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_FrqDepDmpnIn			
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_FrqDepDmpnI tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_Hw10ique_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_inst_Ap_FrqDepDmpninttCmp.FrqDepDmpninttCmp_Per1_venicleLonAct tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicleSpeed			
		- · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpt			
Name	Actual Value	Expected Value	Result

@C	h- 13 14- 14- 11- 11- 11- 11- 11- 11- 11- 1		
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	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	127628.711
Prev1PreAttnComp_MtrNm_M_f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.600006
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2SclDrvVel_RadpS_M_f32	175.300003
PrevTbarAng_HwDeg_M_f32	1.15400004
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.20000005
TbarVelFiltSv_M_str.K_Uls_f32	0.559899986
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.0599995
k_CmnTbarStiff_NmpDeg_f32	1.29999995
k_DmpDecelGainFSlew_UlspS_f32	200.089996
k_DmpDecelGain_Uls_f32	2.7999995
k_DmpGainOffThresh_KphpS_f32	22.2000008
k_DmpGainOnThresh_KphpS_f32	24.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	0.000339999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112

2015-10-26, 11:42:06+0530



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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
	7680	
	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	
	16640	
_CmnVehSpd_Kph_u9p7[11]		
_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]	27264	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
	27424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
t DmpFiltKpWIRBIndY Uls u2p14[0]	8192	
:_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
: DmpFiltKpWIRBIndY Uls u2p14[2]	11469	
	13107	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]		
DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_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]	1760	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
_FDD_AttenTblY_Uls_u8p8[0]	49	
FDD_AttenTblY_Uls_u8p8[1]	51	
	49	
_FDD_BlendTblY_Uls_u8p8[1]	51	
FDD_BlendTblY_Uls_u8p8[2]	54	
_FDD_BlendTblY_Uls_u8p8[3]	57	
FDD_BlendTblY_Uls_u8p8[4]	60	
_FDD_BlendTblY_Uls_u8p8[5]	63	
FDD_BlendTblY_Uls_u8p8[6]	66	
FDD_BlendTblY_Uls_u8p8[7]	68	
EFDD_BlendTblY_Uls_u8p8[8]	71	
:_FDD_BlendTbIY_Uls_u8p8[9]	74	
t_FDD_BlendTblY_Uls_u8p8[10]	77	
t_FDD_BlendTblY_Uls_u8p8[11]	80	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTblY_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		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		seAssistCmd_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_VehicleLonAco			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpl			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127628 313	127628 313 + 0.0625	- Count

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	✓
tot FroDenDmonInrtCmn Per1 FroDenDmonInrtCmn 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127730.688
Prev1PreAttnComp_MtrNm_M_f32	-6.5
Prev1SclDrvVel_RadpS_M_f32	-90.2300034
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038
Prev2SclDrvVel_RadpS_M_f32	-120.099998
PrevTbarAng_HwDeg_M_f32	-0.55400002
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.0200005
k_CmnTbarStiff_NmpDeg_f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	300.059998
k_DmpDecelGain_Uls_f32	3.5
k_DmpGainOffThresh_KphpS_f32	33.2000008
k_DmpGainOnThresh_KphpS_f32	32.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000349999988
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	656 672
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_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

2015-10-26, 11:42:06+0530



гідоеротріптілістр_гегі		TALCITAL.
Name	Input Value	
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]	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	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
_DmpDecelGainGlewY_UlspS_u13p3[4]	1568	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
	3277	
_DmpFiltKpWlRBIndY_Uls_u2p14[0]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTbIY_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]	1920	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2080	
FDD_AttenTblY_Uls_u8p8[0]	65	
FDD_AttenTblY_Uls_u8p8[1]	68	
FDD_BlendTbIY_Uls_u8p8[0]	65	
FDD_BlendTblY_Uls_u8p8[1]	68	
FDD_BlendTblY_Uls_u8p8[2]	70	
	73	
FDD_BlendTblY_Uls_u8p8[3]		
FDD_BlendTblY_Uls_u8p8[4]	75	
FDD_BlendTblY_Uls_u8p8[5]	78	
FDD_BlendTblY_Uls_u8p8[6]	80	
_FDD_BlendTbIY_Uls_u8p8[7]	83	
FDD_BlendTbIY_Uls_u8p8[8]	86	
_FDD_BlendTblY_Uls_u8p8[9]	88	
_FDD_BlendTblY_Uls_u8p8[10]	91	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	15		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	24		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	29		
t RIAstWIRBIndTblY Uls u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_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_Fe11_CKFMotorvel_wttRadp5_152.value	1		
	-1.5		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	30.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.059998		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.19999981	Consul Military 622	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCl			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe		_ : _	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	<u> </u>		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.086 ± 0.0625	✓

20		· · · · _ · · · · · · · · · · · · · · ·	
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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Profected Carlo Lay L. 12	T+ 04 0.00 (D+ 0+	
Probeoficial List M. 122 Privit Production Minh M. 122 Privit Production Minh M. 122 Privit Production Minh M. 122 Rivit Privit Production Minh M. 122 Rivit Privit	Test Step 2.26 (Repeat Count = 1)	*
PiewIrbs/Burk/W_Births/_M_BIZ 7.5		
Prev18-bit/Veil_RadpS_M_182	PreDecelGain_Uls_M_f32	
Previze Survival, pseudos, Minth, M. B. 12 Previze Survival, pseudos, M. 12 Previze Survival, pseud	Prev1PreAttnComp_MtrNm_M_f32	7.5
PrevSabin/vel. RaipS M. pt 22	Prev1SclDrvVel_RadpS_M_f32	-1100.19995
PievThanking_I.Mode, M_152	Prev2PreAttnComp_MtrNm_M_f32	8.10000038
Rit_Inst.Ap_FrqDepOmpnintCmp	Prev2SclDrvVel_RadpS_M_f32	-36.2000008
TravVerFitsy, M, str. XV, Uis, F32	PrevTbarAng_HwDeg_M_f32	0.800000012
ThanVallinian Mark Lis. 122 0.226499995 k. CmmSparkin MindbegphWobg 132 3.3999999 k. CmmSparkin Mindbegs 152 2.00.020004 k. CmmSparkin Mindbegs 152 2.00.020004 k. DmpGeedGain Fisew Usigs 152 2.00.020004 k. DmpGeedGain Fisew Usigs 152 3.00.00001 k. DmpGeainOfftreesh Kephps 132 4.00.00008 k. DmpGeainOfftreesh Kephps 132 4.00.0008 k. Indrom, Mirtheria, Kephps 132 4.00.0	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k, CmnTarstiff, NmpDeg_122 3.1998999 k, CmnTarstiff, NmpDeg_122 3.0999999 k, DmpDecelGain, Uls_122 3.0000001 k, DmpDecelGain, Uls_122 3.000001 k, DmpGeainOffreeth, Kephs, 132 15.1999998 k, DmpGainOffreeth, Kephs, 132 40.2000008 k, Inrichap, Mirrieal, Kephs, 132 0.003800000005 k, Inrichap, Mirrieal, Kephs, 132 0.003800000005 k, Inrichap, Mirrieal, Kephs, 132 0.889999988 k, Inrichap, Mirrieal, Kephs, 132 0.889999988 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[0] 126 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[1] 1638 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[3] 242 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[6] 398 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[6] 398 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[6] 4882 12, FDD, ADDRolling ThVM, Mirriealps, unrip 17(0)[6] 1906	TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
k_ CmmfbesiGainFisiew_UispS_f32	TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
k. DmpDeacGain FSiew, UispS, B2 3,000001 k. DmpGainOff Treeh, KphpS, T32 15,1999998 k. DmpGainOff Treeh, KphpS, T32 40,200008 k. Indromp, Mirelatik KgmSq, T32 0,000300000005 k. Indromp, Mirelatik KgmSq, T32 0,000300000005 k. Indromp, Mirelatik KgmSq, T32 0,000300000005 k. Indromp, Mirelatik KgmSq, US, T32 0,889999988 2L FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[1] 1638 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[2] 2000 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[4] 2814 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[6] 3568 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[6] 3598 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(0)[8] 4382 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[8] 4382 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[9] 4774 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[1] 126 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[1] 180 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[1] 180 12, FDD, ADDRolling TbMM, MirkmpRadeS, umtp17(1)[8] 180 12, FDD, FORDROMM,	k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.1199989
K, DmpGainOffTriesh, KphpS, T32 3,9000011 K, DmpGainOffTriesh, KphpS, T32 40,200008 K, InnfCmp, Mifnertia, KgmpS, T32 40,2000008 K, InnfCmp, Mifnertia, KgmpS, T32 0,00380000005 L, InnfCmp, Mifnertia, KgmpS, T32 0,88999988 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[0] 1246 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 1638 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 2030 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 214 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 214 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 3006 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 3590 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump1770[1] 374 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 3690 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 1212 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 1212 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 1359 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 1959 L2, FDD, ADDRolling TbYM, MifnimpRadoS, ump177[1] 1960 L2, FDD, ADDRolling	k_CmnTbarStiff_NmpDeg_f32	3.0999999
K. DmpGainOffThresh_KphpS_f32 15.1999998 K. DmpGainOffThresh_KphpS_f32 40.2000008 K. Infromp_Mirvels_LkginsG_f32 0.000360000005 K. Infromp_Mirvels_ScaleFactor_Uis_f32 0.889999986 L. FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[0] 1246 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[1] 1638 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[2] 2030 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[4] 2814 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[5] 3206 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[6] 3598 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[7] 3990 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[7] 3990 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[8] 4382 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(0)[9] 4774 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(1)[1] 1262 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(1)[1] 1262 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(1)[1] 1506 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(1)[1] 1653 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(1)[1] 1946 12_FDD_ADDRailingTbYM_MirkmpRadpsS_um1p17(k_DmpDecelGainFSlew_UlspS_f32	200.020004
Depth Dept	k_DmpDecelGain_Uls_f32	3.9000001
Name	k_DmpGainOffThresh_KphpS_f32	15.1999998
	k_DmpGainOnThresh_KphpS_f32	40.2000008
2_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[0] 1246 1246 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[1] 1638 1246 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[2] 2030 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[3] 2422 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[4] 2814 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[5] 3206 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[6] 3598 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[6] 3598 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[6] 4382 12_FDD_ADDRollingTbYM_MtrNmpRadps_um1p17(0)[6] 4389 1	k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005
12 FDD _ ADDRollingTbYM_MrnimpRadpS_um1p17(0)[1] 1638		0.88999986
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12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 1800 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1946 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2093 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 2240 12_FDD_FreqTblYM_Hz_u12p4[0][0] 2387 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1344 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1376 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1472 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1472 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 1946 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2093 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 2240 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 2387 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 1296 t2_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 t2_FDD_FreqTblYM_Hz_u12p4[0][3] 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[0][11] 1472 t2_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 2093 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 2240 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 2387 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 2240 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 2387 12_FDD_FreqTblYM_Hz_u12p4[0][0] 1296 12_FDD_FreqTblYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTblYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTblYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
12_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17[1][9] 2387 12_FDD_FreqTbiYM_Hz_u12p4[0][0] 1296 12_FDD_FreqTbiYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTbiYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTbiYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTbiYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTbiYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTbiYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTbiYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTbiYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTbiYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTbiYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTbiYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTbiYM_Hz_u12p4[1][0] 96		
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		
12_FDD_FreqTbIYM_Hz_u12p4[0][1] 1312 12_FDD_FreqTbIYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTbIYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTbIYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTbIYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTbIYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTbIYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTbIYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTbIYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTbIYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTbIYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTbIYM_Hz_u12p4[1][0] 96		
12_FDD_FreqTbIYM_Hz_u12p4[0][2] 1328 12_FDD_FreqTbIYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTbIYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTbIYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTbIYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTbIYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTbIYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTbIYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTbIYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTbIYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTbIYM_Hz_u12p4[1][0] 96		
12_FDD_FreqTblYM_Hz_u12p4[0][3] 1344 12_FDD_FreqTblYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
12_FDD_FreqTblYM_Hz_u12p4[0][4] 1360 12_FDD_FreqTblYM_Hz_u12p4[0][5] 1376 12_FDD_FreqTblYM_Hz_u12p4[0][6] 1392 12_FDD_FreqTblYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
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[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		
12_FDD_FreqTblYM_Hz_u12p4[0][7] 1408 12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
12_FDD_FreqTblYM_Hz_u12p4[0][8] 1424 12_FDD_FreqTblYM_Hz_u12p4[0][9] 1440 12_FDD_FreqTblYM_Hz_u12p4[0][10] 1456 12_FDD_FreqTblYM_Hz_u12p4[0][11] 1472 12_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
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[0][10]		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 96		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]		
t2_FDD_FreqTblYM_Hz_u12p4[1][2] 128		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3] 144	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 160 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 176 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 192 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 208 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 224 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 240 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 256 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 272 t_CmnVehSpd_Kph_u9p7[0] 128 t_CmnVehSpd_Kph_u9p7[1] 256 t_CmnVehSpd_Kph_u9p7[2] 384 t_CmnVehSpd_Kph_u9p7[3] 512 640 t_CmnVehSpd_Kph_u9p7[4] 768 t CmnVehSpd Kph u9p7[5] 896 t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7] 1024 t_CmnVehSpd_Kph_u9p7[8] 1152 t CmnVehSpd Kph u9p7[9] 1280 $t_CmnVehSpd_Kph_u9p7[10]$ 1408 1536 t CmnVehSpd Kph u9p7[11] t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 t_DmpADDCoefX_MtrNm_u4p12[2] 25805 t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t_DmpADDCoefX_MtrNm_u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 t_DmpADDCoefX_MtrNm_u4p12[6] 27443 t_DmpADDCoefX_MtrNm_u4p12[7] 27853 t_DmpADDCoefX_MtrNm_u4p12[8] 28262 t_DmpADDCoefX_MtrNm_u4p12[9] 28672 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 32320 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 32352 t DmpDecelGainSlewX MtrRadpS u11p5[2] 32384 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 32416 32448 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 32480 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] t_DmpDecelGainSlewY_UlspS_u13p3[0] 1480 t_DmpDecelGainSlewY_UlspS_u13p3[1] 1488 t_DmpDecelGainSlewY_UlspS_u13p3[2] 1496 t DmpDecelGainSlewY UlspS_u13p3[3] 1504 t_DmpDecelGainSlewY_UlspS_u13p3[4] 1512 t DmpDecelGainSlewY_UlspS_u13p3[5] 1520 t_DmpFiltKpWIRBIndY_Uls_u2p14[0] 4915 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 6554 $t_DmpFiltKpWIRBIndY_Uls_u2p14[2]$ 8192 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 9830 $t_DmpFiltKpWIRBIndY_Uls_u2p14[4]$ 11469 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] 1608 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 2032 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2] 2455 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] 2878 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] 3302 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5] 3725 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] 4148 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] 4572 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] 4995 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] 5419 t_FDD_AttenTblX_MtrRadpS_u12p4[0] 2080 t_FDD_AttenTblX_MtrRadpS_u12p4[1] 2160 t_FDD_AttenTblY_Uls_u8p8[0] 93 t_FDD_AttenTblY_Uls_u8p8[1] 96 t FDD BlendTblY Uls u8p8[0] 93 t_FDD_BlendTblY_Uls_u8p8[1] 96 t_FDD_BlendTblY_Uls_u8p8[2] 99 t_FDD_BlendTblY_Uls_u8p8[3] 101 t FDD BlendTblY Uls u8p8[4] 104 t_FDD_BlendTblY_Uls_u8p8[5] 106 t_FDD_BlendTblY_Uls_u8p8[6] 109 t_FDD_BlendTblY_Uls_u8p8[7] 111 t_FDD_BlendTblY_Uls_u8p8[8] 114 116 $t_FDD_BlendTblY_Uls_u8p8[9]$ t_FDD_BlendTblY_Uls_u8p8[10] 119

122

t_FDD_BlendTblY_Uls_u8p8[11]

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t InrtCmp ScaleFactorTblY Uls u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t RIAstWIRBIndTblY UIs u2p14[0]	6554		
t RIAstWIRBIndTblY Uls u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
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_WIRBIndTblX_MtrNm_u8p8[4]	896		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.29999995		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	550.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt FrqDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	280.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.19999981		
tgt_rqDepDmpriintCmp_rerr_winCmahipbilid_withti_i32.vaide tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn		eietCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	· · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 HwTorque Hv			
tgt_Rte_Inst_Ap_FiqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_nw16ique_ni	V- · · · · · · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_venicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicleSpeed tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
			Decut
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	~
Prev1ScIDrvVel_RadpS_M_f32	488.806824	488.806824 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	•

(g, tonot_, tp_, rqpopp.np.n.n.tomp.n rqpopp.np.n.n.tomp_, or r_, rn.toma.n	bp. rgr_r .dp.obpbrcob_r	o	
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	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

_FrqDepDmpnInrtCmp
4

2015-10-26, 11:42:06+0530



 		M
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	400	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	416	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	432	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	448	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	464	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	480	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	496	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	512	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
CmnVehSpd_Kph_u9p7[2]	5120	
CmnVehSpd Kph u9p7[3]	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
	8960	
_CmnVehSpd_Kph_u9p7[5]		
_CmnVehSpd_Kph_u9p7[6]	10240	
CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
DmpADDCoefX_MtrNm_u4p12[0]	28262	
_DmpADDCoefX_MtrNm_u4p12[1]	28672	
_DmpADDCoefX_MtrNm_u4p12[2]	29082	
_DmpADDCoefX_MtrNm_u4p12[3]	29491	
_DmpADDCoefX_MtrNm_u4p12[4]	29901	
_DmpADDCoefX_MtrNm_u4p12[5]	30310	
_DmpADDCoefX_MtrNm_u4p12[6]	30720	
_DmpADDCoefX_MtrNm_u4p12[7]	31130	
DmpADDCoefX_MtrNm_u4p12[8]	31539	
DmpADDCoefX_MtrNm_u4p12[9]	31949	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTbIY_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] FDD ADDStaticTblY MtrNmpRadpS_um1p17[7]	4175	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1680	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2240	
FDD_AttenTblY_Uls_u8p8[0]	116	
FDD_AttenTblY_Uls_u8p8[1]	118	
FDD_BlendTbIY_Uls_u8p8[0]	116	
FDD_BlendTbIY_Uls_u8p8[1]	118	
FDD_BlendTbIY_Uls_u8p8[2]	121	
FDD_BlendTblY_Uls_u8p8[3]	123	
FDD_BlendTblY_Uls_u8p8[4]	126	
FDD_BlendTblY_Uls_u8p8[5]	129	
FDD_BlendTblY_Uls_u8p8[6]	131	
FDD_BlendTblY_Uls_u8p8[7]	134	
	136	
FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[9]	139	
_FDD_BlendTblY_Uls_u8p8[10]	141	
_FDD_BlendTblY_Uls_u8p8[11]	144	

2015-10-26, 11:42:06+0530



Name	Input Value		
t InrtCmp ScaleFactorTblY Uls u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t InrtCmp ScaleFactorTblY Uls u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	192		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t InrtCmp TBarVel_ScaleFactorTblY_Us_u9p7[2]	49		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t InrtCmp TBarVel_ScaleFactorTblY_Uis_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_Uis_u9p7[9]	58		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	59		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t RIAstWIRBIndTblY Uls u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTblX_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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssist0		er1 RaseAssistCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorV			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmp			
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_WIRCmdAn			
<u>ідсткіє_пізі_Ар_т і фоеропіріпіністр.і і фоеропіріпіністр_г ег і_ wirkcinidAn</u> Name	Actual Value		Desuit
		Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.031 ± 0.0625	· ·

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	~
tot FrgDenDmonInrtCmp Per1 FrgDenDmonInrtCmp 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_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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	-5.5
TbarVelFiltSv_M_str.K_UIs_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	4.8000019
k_DmpGainOffThresh_KphpS_f32	25.2999992
k_DmpGainOnThresh_KphpS_f32	4.1999981
k_InrtCmp_MtrInertia_KgmSq_f32	0.000380000012
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.20000003
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	2032
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2455
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2878
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

2015-10-26, 11:42:06+0530



гідрерріпріппістір_гегі		(GEC) (GEC)
Name	Input Value	
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]	12800	
_CmnVehSpd_Kph_u9p7[1]	12928	
CmnVehSpd_Kph_u9p7[2]	13056	
CmnVehSpd_Kph_u9p7[3]	13184	
_CmnVehSpd_Kph_u9p7[4]	13312	
_CmnVehSpd_Kph_u9p7[5]	13440	
_CmnVehSpd_Kph_u9p7[6]	13568	
_CmnVehSpd_Kph_u9p7[7]	13696	
_CmnVehSpd_Kph_u9p7[8]	13824	
	13952	
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]		
_CmnVehSpd_Kph_u9p7[11]	14208	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1480	
DmpDecelGainSlewY_UlspS_u13p3[1]	1488	
DmpDecelGainSlewY UlspS u13p3[2]	1496	
	1504	
	1512	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
DmpFiltKpWIRBIndY Uls u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]		
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	3725	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	4572	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	5419	
_FDD_AttenTbIX_MtrRadpS_u12p4[0]	1648	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320	
_FDD_AttenTbIY_Uls_u8p8[0]	144	
_FDD_AttenTblY_Uls_u8p8[1]	146	
_FDD_BlendTblY_Uls_u8p8[0]	144	
_FDD_BlendTblY_Uls_u8p8[1]	146	
FDD_BlendTblY_Uls_u8p8[2]	149	
FDD_BlendTblY_Uls_u8p8[3]	152	
_FDD_BlendTblY_Uls_u8p8[4]	154	
_FDD_BlendTblY_Uls_u8p8[5]	157	
_FDD_BlendTblY_Uls_u8p8[6]	159	
_FDD_BlendTblY_Uls_u8p8[7]	162	
_FDD_BlendTblY_Uls_u8p8[8]	164	
_FDD_BlendTblY_Uls_u8p8[9]	167	
_FDD_BlendTblY_Uls_u8p8[10]	169	
:_FDD_BlendTblY_Uls_u8p8[11]	172	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
	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_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t RIAstWIRBIndTblY Uls u2p14[2]	9830		
t RIAstWIRBIndTblY Uls u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t WIRBIndTbIX MtrNm u8p8[0]	1306		
t_WIRBIndTblX_MtrNm_u8p8[1]	1331		
t_WIRBIndTblX_MtrNm_u8p8[2]	1357		
t_WIRBIndTblX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01001		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.049988		
	2.2999995		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value		2md MtrNm f32	
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_FrqDepDmpnInt			
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_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	ipBind_MtrNm_f32	
Name	Actual Value	Expected Value	Resu

2	h = . .3		
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	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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Input Value	T4 04-9 0 00 (D-9-4 0-994 - 4)	
Prev Prev Atricomp, Minhm, M. 132 .8.5 .8.5 Prev Prev Atricomp, Minhm, M. 132 .8.5 .8.5 Prev Prev Atricomp, Minhm, M. 132 .8.5 .8	Test Step 2.29 (Repeat Count = 1)	*
Prev1FeAthComp_MthVm_M_132 -8.5		·
Prev12PreAttnComp_Mtnm_M_132 -8.5999999		
Prev2RetNrComp_MtrNm_M_rS2		
Prev12sclDn/vel_RadpS_M_f32		
PrevTbarAng_HwDeg_M_f32	Prev2PreAttnComp_MtrNm_M_f32	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	Prev2SclDrvVel_RadpS_M_f32	175.199997
TbarVelFillSv_M_str K_Uls_f32 0.589630008	PrevTbarAng_HwDeg_M_f32	-0.50999999
ToarVelFiltSv_M_str.K_Uls_f32 0.589630008	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k_CmnSysKinRatio_MitDegpHwDeg_f32 28.1200008 k_CmnDarSiff_MmpDeg_f32 6.80000019 k_DmpDecelGainFSlew_UispS_f32 200.020004 k_DmpDecelGainFSlew_UispS_f32 6.900001 k_DmpGainOffThresh_KphpS_f32 30.2000008 k_DmpGainOffThresh_KphpS_f32 8.30000019 k_IntrCmp_Mitrhertia_KgmSq_f32 0.000390000001 k_IntrCmp_Mitrhertia_KgmSq_f32 0.100000001 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[0][2] 2471 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[0][3] 2811 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[0][6] 3834 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[0][7] 4175 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[1][8] 4856 t_FDD_ADDRollingTbiYM_MitrhmpRadpS_um1p17[1][1] 203	TbarVelFiltSv_M_str.SV_Uls_f32	6.099999
k_CmnTbarStiff_NmpDeg_i32 6.80000019 k_DmpDecelGainFSlew_UlspS_i32 200.020004 k_DmpDecelGainFSlew_UlspS_i32 5.9000001 k_DmpGainOrThresh_KphpS_i32 30.200008 k_DmpGainOrThresh_KphpS_i32 8.30000019 k_IntCmp_Mtrlnetia_KgmSq_i32 0.00039000001 k_IntCmp_Mtrlnetia_KgmSq_i32 0.100000001 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[0][0] 2130 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[0][3] 2811 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[0][4] 3152 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[0][6] 3834 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[0][7] 4175 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[1][0] 4856 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[1][1] 2032 2_FDD_ADDRollingTbiYM_MtrlmpRadpS_ump17[1][1] 2032 <td>TbarVelFiltSv_M_str.K_Uls_f32</td> <td>0.589630008</td>	TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k_DmpDecelGainFSlew_UlspS_f32 200.020004 k_DmpGealCain_Uls_f32 5,9000001 k_DmpGainOrThresh_KphpS_f32 30,200008 k_DmpGainOrThresh_KphpS_f32 8,3000019 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0,000390000001 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0,100000001 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 1789 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 2130 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 2471 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] 2811 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 3152 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 4175 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 4856 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 4856 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2032 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2032 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 </td <td>k_CmnSysKinRatio_MtrDegpHwDeg_f32</td> <td>28.1200008</td>	k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.1200008
k_DmpDecelGain_Uls_f32 5.9000001 k_DmpGainOrfThresh_KphpS_f32 30.2000008 k_DmpGainOrfThresh_KphpS_f32 8.30000019 k_IntrCmp_Mtrinetia_KgmSq_f32 0.000390000001 k_IntrCmp_MtrVel_ScaleFactor_Uls_f32 0.100000001 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][0] 1789 2_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][2] 2471 2_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][3] 2811 2_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][4] 3152 2_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][5] 3493 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][8] 4515 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[0][8] 4515 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][9] 4856 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][1] 2032 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][1] 2032 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][3] 2878 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][4] 302 12_FDD_ADDRollingTbtVM_MtrNmpRadpS_um1p17[1][6] 4148 <td>k_CmnTbarStiff_NmpDeg_f32</td> <td>6.80000019</td>	k_CmnTbarStiff_NmpDeg_f32	6.80000019
k_DmpGainOffThresh_KphpS_f32 30.2000008 k_DmpGainOnThresh_KphpS_f32 8.30000019 k_IntCmp_MtrInertia_KgmSq_f32 0.000390000001 k_IntCmp_MtrVel_ScaleFactor_Uls_f32 0.100000001 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 1789 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 2471 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] 2811 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 3152 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 3834 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4515 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 4515 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 4856 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 1608 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 2032 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 2455 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] </td <td>k_DmpDecelGainFSlew_UlspS_f32</td> <td>200.020004</td>	k_DmpDecelGainFSlew_UlspS_f32	200.020004
k_DmpGainOnThresh_KphpS_f32 8.3000019 k_InttCmp_Mtrinertia_KgmSq_f32 0.000390000001 k_InttCmp_Mtrivel_ScaleFactor_Uls_f32 0.100000001 2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][0] 1789 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][2] 2471 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][3] 2811 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][4] 3152 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][5] 3493 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][6] 3834 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][7] 4175 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][8] 4515 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[0][9] 4856 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][1] 2032 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][1] 2032 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][3] 2878 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][4] 3302 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTbiYM_MtrMmpRadpS_	k_DmpDecelGain_Uls_f32	5.9000001
k_IntCmp_MtrInertia_KgmSq_f32 0.000390000001 k_IntCmp_MtrVel_ScaleFactor_UIs_f32 0.100000001 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][0] 1789 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][1] 2130 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][2] 2471 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][3] 2811 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][4] 3152 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][5] 3493 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][6] 3834 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][7] 4175 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][8] 4515 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[0][9] 4856 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][0] 1608 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][1] 2032 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][2] 2455 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][4] 3302 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][4] 3302 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17[1][6] 4148 t2_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p1	k_DmpGainOffThresh_KphpS_f32	30.2000008
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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_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_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_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		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 3302 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3725 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 4148 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4572 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 12_FDD_FreqTblYM_Hz_u12p4[0][0] 496		
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_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_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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 4995 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5419 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 496		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] 496		
LZ FDD FIEGIDITM NZ UIZP4[0][1]		
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_FreqTbIYM_Hz_u12p4[0][11] 672		
t2_FDD_FreqTbIYM_Hz_u12p4[1][0] 1296		
t2_FDD_FreqTbIYM_Hz_u12p4[1][1] 1312		
12_FDD_FreqTblYM_Hz_u12p4[1][2] 1328		
12_FDD_FreqTblYM_Hz_u12p4[1][3] 1344	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344

2015-10-26, 11:42:06+0530



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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360
2 FDD FreqTblYM Hz u12p4[1][5]	1376
2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408
2 FDD FreqTblYM Hz u12p4[1][8]	1424
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472
_CmnVehSpd_Kph_u9p7[0]	15488
_CmnVehSpd_Kph_u9p7[1]	15616
CmnVehSpd Kph u9p7[2]	15744
CmnVehSpd_Kph_u9p7[3]	15872
_CmnVehSpd_Kph_u9p7[4]	16000
_CmnVehSpd_Kph_u9p7[5]	16128
_CmnVehSpd_Kph_u9p7[6]	16256
_CmnVehSpd_Kph_u9p7[7]	16384
_CmnVehSpd_Kph_u9p7[8]	16512
CmnVehSpd_Kph_u9p7[9]	16640
CmnVehSpd_Kph_u9p7[10]	16768
CmnVehSpd_Kph_u9p7[11]	16896
_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
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
_DmpDecelGainGlewY_UlspS_u13p3[0]	2408
_DmpDecelGainGlewY_UlspS_u13p3[1]	2416
DmpDecelGainSlewY UlspS u13p3[2]	2424
_ , _ , _ , _ , _ , _ , _ , _ , _ , _ ,	2432
_DmpDecelGainSlewY_UlspS_u13p3[3]	
_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	2471
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834
FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	4175
FDD ADDStaticTblY MtrNmpRadpS um1p17[8]	4515
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
FDD_AttenTblX_MtrRadpS_u12p4[0]	1616
FDD_AttenTblX_MtrRadpS_u12p4[0]	2400
FDD_AttenTblY_Uls_u8p8[0]	172
FDD_AttenTblY_Uls_u8p8[1]	174
	174
FDD_BlendTblY_Uls_u8p8[0]	172
FDD_BlendTblY_Uls_u8p8[1]	
FDD_BlendTblY_Uls_u8p8[2]	176
_FDD_BlendTblY_Uls_u8p8[3]	178
_FDD_BlendTbIY_Uls_u8p8[4]	180
_FDD_BlendTblY_Uls_u8p8[5]	183
FDD_BlendTblY_Uls_u8p8[6]	185
_FDD_BlendTblY_Uls_u8p8[7]	187
FDD_BlendTblY_Uls_u8p8[8]	189
FDD_BlendTblY_Uls_u8p8[9]	191
FDD_BlendTblY_Uls_u8p8[10]	193

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	91		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t RIAstWIRBIndTblY Uls u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t WIRBIndTblX MtrNm u8p8[0]	282		
t WIRBIndTbIX MtrNm u8p8[1]	307		
t_WIRBIndTblX_MtrNm_u8p8[2]	333		
t WIRBIndTbIX MtrNm u8p8[3]	358		
t WIRBIndTbIX MtrNm u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.4000001		
tgt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-650.080017		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	315.040009		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.30000019		
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_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	128138 188	128138 188 + 0 0625	rtosuit

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	~
tot FraDenDmpnInrtCmp Per1 FraDenDmpnInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.30 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	128240.563
Prev1PreAttnComp_MtrNm_M_f32	1.2999995
Prev1SclDrvVel RadpS M f32	18.2000008
Prev2PreAttnComp MtrNm M f32	6.599999
·	-120.800003
PrevZScIDrvVel_RadpS_M_f32	20
PrevTbarAng_HwDeg_M_f32	
Rte_Inst_Ap_FrqDepDmpnInrtCmp TbarVelFiltSv M str.SV Uls f32	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp -3.5
	0.632139981
TbarVelFiltSv_M_str.K_Uls_f32	85.1299973
k_CmnSysKinRatio_MtrDegpHwDeg_f32	0.5
k_CmnTbarStiff_NmpDeg_f32	1.7
k_DmpDecelGainFSlew_UlspS_f32	300.029999 5.80000019
k_DmpDecelGain_Uls_f32	35.2999992
k_DmpGainOffThresh_KphpS_f32 k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003999999
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.40000006
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 2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811 3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184

2015-10-26, 11:42:06+0530



riqDepDinphinitCnip_Feri		
Name	Input Value	
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	
12 FDD FregTblYM Hz u12p4[1][8]	1264	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
	11008	
t_CmnVehSpd_Kph_u9p7[5]		
t_CmnVehSpd_Kph_u9p7[6]	11136	
_CmnVehSpd_Kph_u9p7[7]	11264	
t_CmnVehSpd_Kph_u9p7[8]	11392	
t_CmnVehSpd_Kph_u9p7[9]	11520	
t_CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	12698	
_DmpADDCoefX_MtrNm_u4p12[1]	13107	
t_DmpADDCoefX_MtrNm_u4p12[2]	13517	
t_DmpADDCoefX_MtrNm_u4p12[3]	13926	
t_DmpADDCoefX_MtrNm_u4p12[4]	14336	
t_DmpADDCoefX_MtrNm_u4p12[5]	14746	
t_DmpADDCoefX_MtrNm_u4p12[6]	15155	
t_DmpADDCoefX_MtrNm_u4p12[7]	15565	
t_DmpADDCoefX_MtrNm_u4p12[8]	15974	
t_DmpADDCoefX_MtrNm_u4p12[9]	16384	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
	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	
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	494	
:_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	661	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
:_FDD_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	
r_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480	
 _FDD_AttenTblY_Uls_u8p8[0]	218	
_FDD_AttenTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[0]	218	
_FDD_BlendTblY_Uls_u8p8[1]	220	
_FDD_BlendTblY_Uls_u8p8[2]	223	
_FDD_BlendTblY_Uls_u8p8[3]	225	
	227	
FDD_BlendTblY_Uls_u8p8[4]		
_FDD_BlendTblY_Uls_u8p8[5]	230	
_FDD_BlendTblY_Uls_u8p8[6]	232	
FDD_BlendTblY_Uls_u8p8[7]	234	
EFDD_BlendTblY_Uls_u8p8[8]	237	
:_FDD_BlendTblY_Uls_u8p8[9]	239	
t_FDD_BlendTbIY_Uls_u8p8[10]	241	
	243	

2015-10-26, 11:42:06+0530



Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t 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		
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 Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc	tgt FrgDepDmpnInrtCmp Per1 BaseAssist0	Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
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_WIRCmdAmpBi			
Name	Actual Value	Expected Value	Resul
	Tuluo		itosui

	h = .3		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128239.961	128239.961 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	224855.719	224855.719 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358139 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2000008 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751004 ± 0.00390625	✓
tot FrgDenDmonInrtCmp Per1 FrgDenDmonInrtCmp 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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	•

Test Case 3: Path Test

Specification

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

CPU Cycles:

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

Description

Test Vector Description:

 $\label{eq:total_$

Test Step 3.1 (Repeat Count = 1)	▼ · · · · · · · · · · · · · · · · · · ·
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_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

2015-10-26, 11:42:06+0530



гідоеротрініні стр_гегі		Macifat
Name	Input Value	
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_FreqTblYM_Hz_u12p4[1][5]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
DmpDecelGainSlewY_UlspS_u13p3[0]	408	
DmpDecelGainSlewY_UlspS_u13p3[1]	416	
DmpDecelGainSlewY_UlspS_u13p3[2]	424	
DmpDecelGainSlewY_UlspS_u13p3[3]	432	
DmpDecelGainSlewY_UlspS_u13p3[4]	440	
DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2068	
_FDD_ADDStaticTbl1_MtlNlllpRadpS_ull11p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3614	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	

2015-10-26, 11:42:06+0530



FrqDepDmpninrtCmp_Per1		TAACICAG
Name	Input Value	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTblY_Uls_u8p8[2]	8	
t_FDD_BlendTblY_Uls_u8p8[3]	10	
t_FDD_BlendTblY_Uls_u8p8[4]	13	
t_FDD_BlendTblY_Uls_u8p8[5]	15	
t_FDD_BlendTblY_Uls_u8p8[6]	18	
t_FDD_BlendTblY_Uls_u8p8[7]	20	
t_FDD_BlendTblY_Uls_u8p8[8]	23	
t_FDD_BlendTblY_Uls_u8p8[9]	26	
t_FDD_BlendTblY_Uls_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	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_IntCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] 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]	1638	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554	
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	282	
t_WIRBIndTbIX_MtrNm_u8p8[1]	307	
t_WIRBIndTblX_MtrNm_u8p8[2]	333	
t_WIRBIndTbIX_MtrNm_u8p8[3]	358	
t_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	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmodel{eq:local_property} and the property of the propert$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_RepUproproproproproproproproproproproproprop$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp. FrqDepDmpnInrtCmp \ \ Per1 \ \ FreqDepDmpS$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_FrqDepDmpnInrt$	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_VehicleLonAccepts and the property of the property $	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCmp_Inst_Ap_FrqDepDmpnInrtCm$		
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp_Per1_WIR$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Resu
PreDecelGain Uls M f32	125487.031 125487.031 ± 0.0625	

tgt_rte_inst_xp_rtqbepbinpinintcinp.rtqbepbinpinintcinp_ren_wirtcindxinpbi	tgt_i iqbepbilipililittoilip_r ei i_wiixoiliuAili	pbind_within_i32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618 ± 99.9	•
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.226318 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.30005 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.33333302 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.22103333 ± 0.00390625	~

2015-10-26, 11:42:06+0530



Name	Actual Value	Expected Value	Result
Name	Actual value	Expected value	itesuit
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	8.80000019	8.80000019 ± 0.00048828125	✓

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

Test Step 3.2 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain_Uls_M_f32	125589.211
Prev1PreAttnComp MtrNm M f32	-1.10000002
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_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp -2.5
TbarVelFiltSv_M_str.SV_UIs_f32 TbarVelFiltSv_M_str.K_UIs_f32	0.236499995
TbarVelFiltSv_M_str.K_Uls_f32	
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
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTbIYM_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_FreqTbIYM_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
	48
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	∨⊤

2015-10-26, 11:42:06+0530



гідоеропірпіпітстір_гегі 	
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
P_FDD_FreqTblYM_Hz_u12p4[1][8]	176
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224
CmnVehSpd_Kph_u9p7[0]	2560
CmnVehSpd_Kph_u9p7[1]	3840
CmnVehSpd_Kph_u9p7[2]	5120
CmnVehSpd_Kph_u9p7[3]	6400
CmnVehSpd_Kph_u9p7[4]	7680
CmnVehSpd_Kph_u9p7[5]	8960
CmnVehSpd_Kph_u9p7[6]	10240
	11520
CmnVehSpd_Kph_u9p7[7]	12800
CmnVehSpd_Kph_u9p7[8]	
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[5]	4032
_DmpDecelGainSlewY_UlspS_u13p3[0]	1480
_DmpDecelGainSlewY_UlspS_u13p3[1]	1488
DmpDecelGainSlewY UlspS u13p3[1]	
	1496
_DmpDecelGainSlewY_UlspS_u13p3[3]	1504
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144
FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	1254
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695
FDD_AttenTblX_MtrRadpS_u12p4[0]	352
FDD_AttenTblX_MtrRadpS_u12p4[1]	400
FDD_AttenTblY_Uls_u8p8[0]	65
FDD_AttenTblY_Uls_u8p8[1]	68
FDD_BlendTbIY_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
	20
_FDD_BlendTbIY_Uls_u8p8[6]	20 23
	20 23 26

2015-10-26, 11:42:06+0530



Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t InrtCmp ScaleFactorTblY 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]	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		
	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28 29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[1]			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_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	2.2999995		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssisto	Cmd_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_Inst_RepUppDmpn$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwInrtCmp_HwInrt$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
$tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAccepts and the property of the property $	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

(3) - 110 -			
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.156 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.309448 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	✓
tot FraDenDmonInrtCmp Per1 FraDenDmonInrtCmp 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_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	-2.2999995
Prev2ScIDrvVel RadpS M f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.5999999
TbarVelFiltSv M str.K Uls f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992
k CmnTbarStiff NmpDeg f32	6.1999981
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	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
	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774 96
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	112
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][2] t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
	160
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTbIYM_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]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352
t2_FDD_FreqTb\YM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384

2015-10-26, 11:42:06+0530



FrqDepDmpnInrtCmp_Per1 Input Value t2_FDD_FreqTblYM_Hz_u12p4[1][4] 400 t2_FDD_FreqTblYM_Hz_u12p4[1][5] 416 t2_FDD_FreqTblYM_Hz_u12p4[1][6] 432 t2_FDD_FreqTblYM_Hz_u12p4[1][7] 448 t2_FDD_FreqTblYM_Hz_u12p4[1][8] 464 t2_FDD_FreqTblYM_Hz_u12p4[1][9] 480 t2_FDD_FreqTblYM_Hz_u12p4[1][10] 496 $t2_FDD_FreqTblYM_Hz_u12p4[1][11]$ 512 t_CmnVehSpd_Kph_u9p7[0] 12800 t_CmnVehSpd_Kph_u9p7[1] 12928 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 t_CmnVehSpd_Kph_u9p7[7] 13696 t_CmnVehSpd_Kph_u9p7[8] 13824 t CmnVehSpd Kph u9p7[9] 13952 $t_CmnVehSpd_Kph_u9p7[10]$ 14080 14208 t CmnVehSpd Kph u9p7[11] t_DmpADDCoefX_MtrNm_u4p12[0] 24986 t_DmpADDCoefX_MtrNm_u4p12[1] 25395 t_DmpADDCoefX_MtrNm_u4p12[2] 25805 t_DmpADDCoefX_MtrNm_u4p12[3] 26214 t_DmpADDCoefX_MtrNm_u4p12[4] 26624 t_DmpADDCoefX_MtrNm_u4p12[5] 27034 t_DmpADDCoefX_MtrNm_u4p12[6] 27443 t_DmpADDCoefX_MtrNm_u4p12[7] 27853 t_DmpADDCoefX_MtrNm_u4p12[8] 28262 t_DmpADDCoefX_MtrNm_u4p12[9] 28672 t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] 32320 t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] 32352 t DmpDecelGainSlewX MtrRadpS u11p5[2] 32384 t_DmpDecelGainSlewX_MtrRadpS_u11p5[3] 32416 32448 t_DmpDecelGainSlewX_MtrRadpS_u11p5[4] 32480 t_DmpDecelGainSlewX_MtrRadpS_u11p5[5] t_DmpDecelGainSlewY_UlspS_u13p3[0] 2408 t_DmpDecelGainSlewY_UlspS_u13p3[1] 2416 t_DmpDecelGainSlewY_UlspS_u13p3[2] 2424 t DmpDecelGainSlewY UlspS_u13p3[3] 2432 t_DmpDecelGainSlewY_UlspS_u13p3[4] 2440 t DmpDecelGainSlewY_UlspS_u13p3[5] 2448 t_DmpFiltKpWIRBIndY_Uls_u2p14[0] 1638 t_DmpFiltKpWIRBIndY_Uls_u2p14[1] 3277 $t_DmpFiltKpWIRBIndY_Uls_u2p14[2]$ 4915 t_DmpFiltKpWIRBIndY_Uls_u2p14[3] 6554 $t_DmpFiltKpWIRBIndY_Uls_u2p14[4]$ 8192 t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0] 1427 t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] 1655

1884

2112

2340

2568

2796

3024

3252

3480

656

720

172

174

18

20

23

26 28

31

33

36

38 41

44

46

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]

t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]

t_FDD_ADDStaticTblY_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_BlendTbIY_Uls_u8p8[9] t_FDD_BlendTbIY_Uls_u8p8[10]

t_FDD_BlendTblY_Uls_u8p8[11]

2015-10-26, 11:42:06+0530



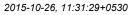
Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t RIAstWIRBIndTblY UIs u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t WIRBIndTbIX MtrNm u8p8[3]	1638		
t WIRBIndTbIX MtrNm u8p8[4]	1664		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.01999998		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.30000019		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCl	nc tgt_FrqDepDmpnInrtCmp Per1	BaseAssistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	125996 313	125996 313 + 0 0625	

20			
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	✓
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8 80000019 + 0 00048828125	✓

2015-10-26, 11:42:06+0530



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_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~





Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia Test Object DriverVelCalc

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

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

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Text

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:17 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):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Iniline 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_UIs_T_Str.bo_UIs_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_UIs_T_Str.bo_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 ""Prev1PreAtinComp_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, FFM_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: Sx significant tolerance is used in the functions ""ADDCoefCalc", ""DecelGalin", ""Prev1PreAtInComp_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

DriverVelCalc





Test Case 1: Boundary Test

Specification

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"Performance Metrics (With ""None"" Instrumentation and ""WithPS"" Environment)
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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 341 Cycles 497 Cycles 341 Cycles 329 Cycles 329 Cycles 329 Cycles 417 Cycles 321 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.12 TS1.13 341 Cycles 417 Cycles 341 Cycles 397 Cycles 329 Cycles TS1.14 TS1.15 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
TS1.3HwTroque_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
    TS1.2All max
   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

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	Resul	t
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	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	6.6669989
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

2015-10-26, 11:31:29+0530



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

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

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

Test Step Call Trace		V		
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	

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]

 $t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]$

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]

DriverVelCalc

2015-10-26, 11:31:29+0530



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 0.800000012 k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 2560 t_CmnVehSpd_Kph_u9p7[0] t_CmnVehSpd_Kph_u9p7[1] 3840 5120 t_CmnVehSpd_Kph_u9p7[2] 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

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

14

15

17

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

Test Step 1.5 (Repeat Count = 1)	Immit Value
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





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

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

Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.100006		
HwTorque_HwNm_T_f32	-5.5		
PrevTbarAng_HwDeg_M_f32	-1.22099996		
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021		
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001		
VehicleSpeed_Kph_T_f32	400.059998		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.5		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.60000024		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-119.829559	-119.829552 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.22222221	-1.22222221 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.08650517	2.08651233 ± 0.00390625	✓

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

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

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]

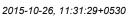
 $t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]$

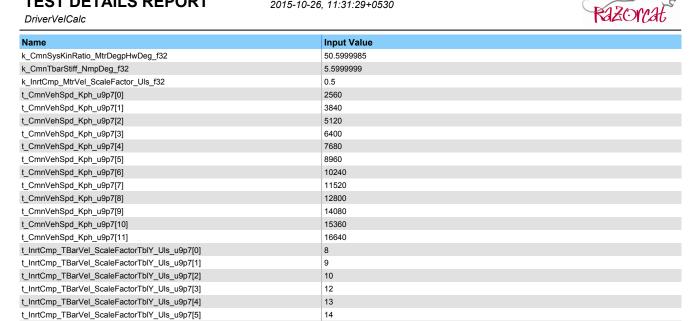
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]





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	•

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

Test Step 1.8 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel MtrRadpS T f32	-1118
HwTorque HwNm T f32	1.60000002
PrevTbarAng HwDeg M f32	0.246099994
TbarVelFiltSv M str.SV Uls f32	-2.36899996
TbarVelFiltSv M str.K Uls f32	0.632139981
VehicleSpeed Kph T f32	150.080002
k CmnSysKinRatio MtrDegpHwDeg f32	60.7999992
k CmnTbarStiff NmpDeg f32	6.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.400000006
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22

2015-10-26, 11:31:29+0530



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

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

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	Result
DriverVelCalc()	335.105377	335.105347 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.15384616 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-3.08251452	-3.08251452 ± 0.00390625	

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

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

2015-10-26, 11:31:29+0530



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				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	-450		
HwTorque HwNm T f32	-2.70000005		
PrevTbarAng_HwDeg_M_f32	-0.291999996		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994		
VehicleSpeed_Kph_T_f32	22.5100002		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.5		
k_CmnTbarStiff_NmpDeg_f32	9.19999981		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-47.2626114	-47.2626114 ± 0.00009	•
PrevTbarAng HwDeg M f32	-0.29347828	-0.293478251 ± 0.00390625	

DriverVelCalc



Name	Actual Value	Expected Value	Resu
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	Resu
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	

2015-10-26, 11:31:29+0530



Name	Input Value		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-239.688934	-239.688934 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-1.24000001	-1.24000001 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.30814433	2.30814505 ± 0.00390625	~

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

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





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

Test Step 1.15 (Repeat Count = 1)			· ·
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-500.450012		
HwTorque_HwNm_T_f32	-4.5		
PrevTbarAng_HwDeg_M_f32	-0.996999979		
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021		
TbarVelFiltSv_M_str.K_Uls_f32	0.0125799999		
VehicleSpeed_Kph_T_f32	55.5200005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4000015		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.60000024		
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	11000
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	

2015-10-26, 11:31:29+0530



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

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

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	0.0500000007		
PrevTbarAng HwDeg M f32	0		
TbarVelFiltSv M str.SV Uls f32	-3.12400007		
TbarVelFiltSv M str.K Uls f32	0.0478519984		
VehicleSpeed_Kph_T_f32	37.0200005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1999969		
k_CmnTbarStiff_NmpDeg_f32	10		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.9518433 ± 0.00009	✓
PrevTbarAng_HwDeg_M_f32	0.00499999989	0.00499999989 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.85488033	-2.85488033 ± 0.00390625	✓

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

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

2015-10-26, 11:31:29+0530



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				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.20 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	250.240005		
HwTorque HwNm T f32	8.19999981		
PrevTbarAng HwDeg M f32	0.861000001		
TbarVelFiltSv M str.SV Uls f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.347900003		
VehicleSpeed Kph T f32	33.0400009		
k CmnSysKinRatio MtrDegpHwDeg f32	99.3000031		
k CmnTbarStiff NmpDeg f32	9.5		
k InrtCmp MtrVel ScaleFactor Uls f32	0.100000001		
t CmnVehSpd Kph u9p7[0]	10368		
t CmnVehSpd Kph u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t CmnVehSpd Kph u9p7[5]	11008		
t CmnVehSpd Kph u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t CmnVehSpd Kph u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t CmnVehSpd Kph u9p7[10]	11648		
t CmnVehSpd Kph u9p7[11]	11776		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	6		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	10		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	12		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	13		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	14		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	15		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	24.7503471	24.7503471 ± 0.00009	Resul
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			✓
	<u>'</u>		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.36847568	-3.36847067 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.863157868	0.863157868 ± 0.00390625	•
DriverVelCalc()	24.7503471	24.7503471 ± 0.00009	✓

Actual Function Count Exp	rpected Function Co	unt	Result
IntplVarXY_u16_u16Xu16Y_Cnt 1 Intpl	plVarXY_u16_u16Xu16Y_Cnt 1		~

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

2015-10-26, 11:31:29+0530



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

2015-10-26, 11:31:29+0530



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)	▼ v
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

2015-10-26, 11:31:29+0530



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	

2015-10-26, 11:31:29+0530



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

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

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

DriverVelCalc



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

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

Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-111.410004		
HwTorque_HwNm_T_f32	-2.5		
PrevTbarAng_HwDeg_M_f32	-0.518000007		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002		
VehicleSpeed_Kph_T_f32	267.070007		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.5		
k_CmnTbarStiff_NmpDeg_f32	4.80000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
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	~	

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



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	





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	

2015-10-26, 11:31:29+0530



Name	Input Value		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-198.679001	-198.678986 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-0.918367326	-0.918367326 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.32455587 ± 0.00390625	

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

Test Step 1.34 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	444.519989		
HwTorque_HwNm_T_f32	5.5		
PrevTbarAng_HwDeg_M_f32	1.05599999		
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995		
TbarVelFiltSv_M_str.K_Uls_f32	0.125799999		
VehicleSpeed_Kph_T_f32	377.059998		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5		
k_CmnTbarStiff_NmpDeg_f32	5.19999981		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89999976		
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)	v v v v v v v v v v v v v v v v v v v
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

2015-10-26, 11:31:29+0530



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	Result
DriverVelCalc()	-278.061462	-278.061462 ± 0.0009	✓
PrevTbarAng_HwDeg_M_f32	-0.783132493	-0.783132553 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-1.98484111	-1.98484313 ± 0.00390625	✓

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

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

DriverVelCalc

DriverVelCalc()

PrevTbarAng_HwDeg_M_f32 TbarVelFiltSv_M_str.SV_Uls_f32 2015-10-26, 11:31:29+0530



	1		
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

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

331.76123

0.806451619 -3.11539769 331.76123 ± 0.0009

0.806451619 ± 0.00390625

-3.11539769 ± 0.00390625

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

DriverVelCalc



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				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.40 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel MtrRadpS T f32	134.520004		
HwTorque HwNm T f32	8.5		
PrevTbarAng HwDeg M f32	3.8599999		
TbarVelFiltSv M str.SV Uls f32	-5.74119997		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981		
VehicleSpeed_Kph_T_f32	154.630005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.0999985		
k_CmnTbarStiff_NmpDeg_f32	2.20000005		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.300000012		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	39.8233643	39.8233604 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	3.86363626	3.86363626 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-1.30036688	-1.30036557 ± 0.00390625	✓

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

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

2015-10-26, 11:31:29+0530



DriverVelCalc

Name	Input Value		
VehicleSpeed_Kph_T_f32	55.2400017		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6000004		
k_CmnTbarStiff_NmpDeg_f32	3.5999999		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.200000003		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-93.6095047	-93.6094971 ± 0.00009	✓
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.36111116 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.26808786 ± 0.00390625	•

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

Test Step 1.42 (Repeat Count = 1)	√
Name	Input Value
CRFMotorVel MtrRadpS T f32	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	4.1999981
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

2015-10-26, 11:31:29+0530



DriverVelCalc

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	0.89999976		
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	

2015-10-26, 11:31:29+0530



DriverVelCalc

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

Test Step 1.45 (Repeat Count = 1)			•
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-464.25		
HwTorque_HwNm_T_f32	-2.64499998		
PrevTbarAng_HwDeg_M_f32	-0.352499992		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.14230013		
TbarVelFiltSv_M_str.K_Uls_f32	0.024588		
VehicleSpeed_Kph_T_f32	111.519997		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5		
k_CmnTbarStiff_NmpDeg_f32	7.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988		
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	Result
DriverVelCalc()	-326.341705	-326.341705 ± 0.0009	
PrevTbarAng HwDeg M f32	-0.352666676	-0.352666676 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-5.01791048	-5.01791 ± 0.00390625	

DriverVelCalc

2015-10-26, 11:31:29+0530



2015-10-26, 11:35:48+0530



FrqDepDmpnInrtCmp_Init

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia

Test Object FrqDepDmpnInrtCmp_Init

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



Module Properties

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

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Text

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:17 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):328 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Iniline 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_UIs_T_Str.bo_UIs_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_UIs_T_Str.bo_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 ""Prev1PreAtinComp_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, FFM_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: Sx significant tolerance is used in the functions ""ADDCoefCalc", ""DecelGalin", ""Prev1PreAtInComp_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: 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

Description Test Vector Description:

TS1.1All min TS1.2All max

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



FrqDepDmpnInrtCmp_Init

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

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

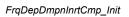
Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5632		
TbarVelFiltSv_M_str.K_Uls_f32	0.145229995		
k_InrtCmp_TBarVelLPFKn_Hz_f32	20		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625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

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

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

Test Step 1.9 (Repeat Count = 1)			V
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.12300014		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981		
k_InrtCmp_TBarVelLPFKn_Hz_f32	35.25		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.357870042	0.357870042 ± 0.000125655810790826	~





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

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

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

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

Test Step 1.14 (Repeat Count = 1)			
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.14230013		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
k_InrtCmp_TBarVelLPFKn_Hz_f32	63.25		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	✓
TbarVelFiltSv_M_str.K_Uls_f32	0.54833883	0.54833883 ± 0.000125655810790826	~

2015-10-26, 11:29:04+0530



DecelGain

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia
Test Object DecelGain

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	



Module Properties

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

Comments/Description	n/Specification
Name	Text
Module 'FDD_Inertia'	**************************************
	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:17 Unit Test Plan Version:7 Optimization Levet.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):1984 Total RAM Used (Bytes):60 Total CALS Used (Bytes):828 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_132"* variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpInIntCmp_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.bo_Uls_132" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.bo_Uls_132" is calculated as -0.160083862455113 to 2.41111/405240179 and the same is updated in MDD version 16. Note 5:In ""GenFddlcCmd"* function, return value and output variable "Prev1PreAttnComp_MtrNm_M_132"* is going out of range. Note 7:The range of the parameter "VehicleSpeed_Kph_T_132" is mentioned in MDD as 0 to 512, but at line number 437. FPM_FloatToFixed_m macro is used for Ul9P7_T. For All Max vector of parameter ""VehicleSpeed_Kph_T_132", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type ul9P7 as per email communication. Note 8: Six significant tolerance is used in the

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\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	-3.099999		
k_DmpDecelGainFSlew_UlspS_f32	1700.02002		
k_DmpDecelGain_Uls_f32	2.099999		
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	•

2015-10-26, 11:29:04+0530



Decel	lGain

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

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



Test Case 2: Boundary Test

Specification

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

CPU Cycles:

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

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	

2015-10-26, 11:29:04+0530





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		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				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
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				V
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	

2015-10-26, 11:29:04+0530



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	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448			
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456			
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464			
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472			
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488			
Name	Actual Value	Expected Value	Result	
DecelGain()	125690.586	125690.586 ± 0.9	~	
PreDecelGain Uls M f32	125690.586	125690.586 ± 0.0625	✓	

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.050003		
PreDecelGain_Uls_M_f32	125793.156		
VehicleLonAccel_KphpS_T_f32	5.30000019		
k_DmpDecelGainFSlew_UlspS_f32	400.040009		
k_DmpDecelGain_Uls_f32	6.099999		
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	

2015-10-26, 11:29:04+0530



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

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
PreDecelGain_Uls_M_f32	126303.031		
VehicleLonAccel_KphpS_T_f32	-5.5999999		
k_DmpDecelGainFSlew_UlspS_f32	900.02002		
k_DmpDecelGain_Uls_f32	1.10000002		
k_DmpGainOffThresh_KphpS_f32	22.4099998		
k_DmpGainOnThresh_KphpS_f32	4.6199989		
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	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	

2015-10-26, 11:29:04+0530



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	

2015-10-26, 11:29:04+0530





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

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

Test Step 2.20 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.519989		
PreDecelGain_Uls_M_f32	127016.859		
VehicleLonAccel_KphpS_T_f32	-2.29999995		
k_DmpDecelGainFSlew_UlspS_f32	1600.02002		
k_DmpDecelGain_Uls_f32	3		
k_DmpGainOffThresh_KphpS_f32	40.5200005		
k_DmpGainOnThresh_KphpS_f32	33.3199997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.656 ± 0.9	•
PreDecelGain Uls M f32	127013.656	127013.656 ± 0.0625	

Test Step 2.21 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	500.679993	
PreDecelGain_Uls_M_f32	127118.836	
VehicleLonAccel_KphpS_T_f32	-3.0999999	
k_DmpDecelGainFSlew_UlspS_f32	1700.02002	
k_DmpDecelGain_Uls_f32	2.0999999	

2015-10-26, 11:29:04+0530



Name	Input Value		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.836 ± 0.9	~
PreDecelGain_Uls_M_f32	127118.836	127118.836 ± 0.0625	~

Test Step 2.22 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	600.460022		
PreDecelGain_Uls_M_f32	127220.813		
VehicleLonAccel_KphpS_T_f32	-4.19999981		
k_DmpDecelGainFSlew_UlspS_f32	1800.01001		
k_DmpDecelGain_Uls_f32	2.20000005		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	8.61999989		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.211 ± 0.9	~
PreDecelGain Uls M f32	127217.211	127217.211 ± 0.0625	✓

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



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

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	800.030029		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-6.5		
k_DmpDecelGainFSlew_UlspS_f32	2000.06006		
k_DmpDecelGain_Uls_f32	2.7999995		
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	

2015-10-26, 11:29:04+0530



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

Test Step 2.27 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1000.12		
PreDecelGain_Uls_M_f32	127628.711		
VehicleLonAccel_KphpS_T_f32	-8.19999981		
k_DmpDecelGainFSlew_UlspS_f32	2200.02002		
k_DmpDecelGain_Uls_f32	3.9000001		
k_DmpGainOffThresh_KphpS_f32	33.3199997		
k_DmpGainOnThresh_KphpS_f32	40.5200005		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	127624.313	127624.313 ± 0.9	~
PreDecelGain_Uls_M_f32	127624.313	127624.313 ± 0.0625	•

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

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

DecelGain

PreDecelGain_Uls_M_f32

2015-10-26, 11:29:04+0530



127827.859 ± 0.0625

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	~

127827.859

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)			V
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	

2015-10-26, 11:29:04+0530





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	6.9000001		
k_DmpGainOffThresh_KphpS_f32	8.85000038		
k_DmpGainOnThresh_KphpS_f32	32.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	128541.484	128541.484 ± 0.9	~
PreDecelGain_Uls_M_f32	128541.484	128541.484 ± 0.0625	✓



Test Case 3: Path Test Specification Performance Metrics (With "None" Instrumentation and "WithPS" Environment) CPU Cycles: TS3.1 326.00 Cycles TS3.2 344.00 Cycles TS3.3 342.00 Cycles TS3.4 320.00 Cycles TS3.4 320.00 Cycles TS3.4 320.00 Cycles TS3.4 320.00 Cycles TS3.5 4 TS3.4 T(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32) = True and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True" TS3.2 "(-VehicleLonAccel_KphpS_T_f32 > k_DmpGainOnThresh_KphpS_f32) = False and (-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOnThresh_KphpS_f32)=True and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=False and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=False and (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * L_DmpDainOffThresh_KphpS_f32)+ PreDecelGain_Uls_M_f32)=True" TS3.3 (-VehicleLonAccel_KphpS_T_f32 < k_DmpGainOffThresh_KphpS_f32)=False TS3.4 (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True" TS3.4 (RawDecelGain_Uls_T_f32>= (D_2MS_SEC_F32 * MaxDecelGain_UlspS_T_f32)+ PreDecelGain_Uls_M_f32))=True

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.019997		
PreDecelGain_Uls_M_f32	125487.234		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	100.019997		
k_DmpDecelGain_Uls_f32	2.0999999		
k_DmpGainOffThresh_KphpS_f32	11.5		
k_DmpGainOnThresh_KphpS_f32	5.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448		
Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.031 ± 0.9	~
PreDecelGain IIIs M f32	125487 031	125487 031 + 0 0625	✓

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

Test Step 3.2 (Repeat Count = 1)		
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	200.029999	
PreDecelGain_Uls_M_f32	125589.211	
VehicleLonAccel_KphpS_T_f32	10	
k_DmpDecelGainFSlew_UlspS_f32	200.050003	
k_DmpDecelGain_Uls_f32	3.5	
k_DmpGainOffThresh_KphpS_f32	22.25	
k_DmpGainOnThresh_KphpS_f32	10.1199999	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t DmpDecelGainSlewY UlspS u13p3[4]	2440	

2015-10-26, 11:29:04+0530





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	✓

2015-10-26, 11:29:04+0530

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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	~

2015-10-26, 11:44:23+0530



GenFddlcCmd

Project 9BXX_FrqDepDmpnInrtCmp

Module FDD_Inertia
Test Object GenFddIcCmd

Instrumentation: Test Object Only

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

Statistics

Total Testcases	2
Successful	2
Failed	0
Not Executed	0



Module Properties

Project Root Directory	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp
Configuration File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config \TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\FrqDepDmpnInrtCmp\src\Ap_FrqDepDmpnInrtCmp.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp\utp\contract\4\p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\iStdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -DBC_FREQDEPDAMPING_FAULTINJECTIONPOINT=STD_OFF -I\$(PROJECTROOT) \FrqDepDmpnInrtCmp\utp\contract\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/Spe	
Name	Text
Module 'FDD_Inertia'	**************************************
Module 'FDD_Inertia'	Name of Tester:Jayesh Jahagirdar Code File(s) Under Test:Ap_FrqDepDmpnInrtCmp.c Code File(s) Version:13 Module Design Document Version:18 Data Dictionary Version:17 Unit Test Plan Version:7 Optimization Level:Level 2 Compiler (CodeGen) Version:77 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Type:Excel Macro Model Excel Model Excel Model
	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>			
Target Install Path	\$(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 FrgDepDmpnInrtCmp\UnitTestEnv\config\UDE TMS570 DEBUG.WSP			



Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 360.00 Cycles TS1.2 360.00 Cycles

Description Test Vector Description:

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

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.10000002		
Prev1SclDrvVel_RadpS_M_f32	22.2000008		
Prev2PreAttnComp_MtrNm_M_f32	7.30000019		
Prev2ScIDrvVel_RadpS_M_f32	10		
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0245340001		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124563999		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	4.56000016e-005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.04530001		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.32420015		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.330669165	-0.330669165 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.6598295 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2000008 ± 0.00390625	~

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

Test Step 1.2 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005	
Prev1SclDrvVel_RadpS_M_f32	-16.6599998	
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981	
Prev2SclDrvVel_RadpS_M_f32	-3	
ScaledDriverVel_MtrRadpS_T_f32	10.1999998	
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.0234500002	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.154569998	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.319999993	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.76664495	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	-0.334564269 -0.334564179 ± 0.0000009	-
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722 -0.738348544 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	10.1999998 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-16.6599998 ± 0.00390625	✓

2015-10-26, 11:44:23+0530

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GenFddlcCmd

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

GenFddlcCmd

2015-10-26, 11:44:23+0530



Test Case 2: Boundary Test

2015-10-26, 11:44:23+0530

GenFddlcCmd



Specification

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

CPU Cycles:

TS2.1	360.00 Cycles
TS2.2	360.00 Cycles
TS2.3	360.00 Cycles
TS2.4	360.00 Cycles
TS2.5	360.00 Cycles
TS2.6	360.00 Cycles
TS2.7	360.00 Cycles
TS2.8	372.00 Cycles
TS2.9	360.00 Cycles
TS2.10	360.00 Cycles
TS2.11	360.00 Cycles
TS2.12	372.00 Cycles
TS2.13	372.00 Cycles
TS2.14	372.00 Cycles
TS2.15	360.00 Cycles
TS2.16	360.00 Cycles
TS2.17	360.00 Cycles
TS2.18	360.00 Cycles
TS2.19	360.00 Cycles
TS2.20	372.00 Cycles
TS2.21	372.00 Cycles
152.21	
TS2.22	372.00 Cycles
TS2.23	372.00 Cycles
TS2.24	360.00 Cycles
TS2.25	360.00 Cycles
TS2.26	360.00 Cycles
TS2.27	428.00 Cycles
TS2.28	360.00 Cycles
TS2.29	360.00 Cycles
TS2.30	360.00 Cycles
TS2.31	360.00 Cycles
TS2.32	360.00 Cycles
TS2.33	360.00 Cycles
TS2.34	360.00 Cycles
TS2.35	372.00 Cycles
TS2.36	360.00 Cycles
TS2.37	360.00 Cycles
TS2.38	360.00 Cycles
TS2.38	
	360.00 Cycles
TS2.40	372.00 Cycles
TS2.41	372.00 Cycles
TS2.42	360.00 Cycles
TS2.43	372.00 Cycles
TS2.44	360.00 Cycles
TS2.45	360.00 Cycles
TS2.46	372.00 Cycles
TS2.47	360.00 Cycles
TS2.48	360.00 Cycles
TS2.49	360.00 Cycles
TS2.50	360.00 Cycles
TS2.51	360.00 Cycles
	JUJ.00 CYCLES





Description Test Vector Description

```
TS2.1 All min
TS2.2 All max
TS2.3 ScaledDriverVel_MtrRadpS_T_f32 = min
TS2.4 ScaledDriverVel_MtrRadpS_T_f32 = max
TS2.5 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.6 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = neg
TS2.8 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.9 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.10 filtCoef_Uls_T_Str.b0_Uls_f32 = mid
TS2.11 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.12 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.13 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.14 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.15 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.16 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.17 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.18 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
TS2.28 prev2ScIDrvVel_RadpS_M_f32 = neg
    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
```

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019		
Prev1SclDrvVel_RadpS_M_f32	-12917.2998		
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019		
Prev2SclDrvVel_RadpS_M_f32	-12917.2998		
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156213		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588522		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042362		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0	0 ± 0.000009	
Prev1PreAttnComp_MtrNm_M_f32	9012.61621	9012.61719 ± 0.009	~
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	✓

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



Test Step 2.2 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.80000019		
Prev1ScIDrvVel_RadpS_M_f32	12917.2998		
Prev2PreAttnComp_MtrNm_M_f32	8.80000019		
Prev2SclDrvVel_RadpS_M_f32	12917.2998		
ScaledDriverVel_MtrRadpS_T_f32	7226.65186		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111398		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989228		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.84172678		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2046.13135	2046.13159 ± 0.009	~
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.13159 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.65186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.80000019 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	12917.2998	12917.2998 ± 0.00390625	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
		<u> </u>		

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.10000002		
Prev1SclDrvVel_RadpS_M_f32	22.2000008		
Prev2PreAttnComp_MtrNm_M_f32	7.30000019		
Prev2ScIDrvVel_RadpS_M_f32	10		
ScaledDriverVel_MtrRadpS_T_f32	-7226.65186		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0245340001		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124563999		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	4.56000016e-005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.04530001		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.32420015		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.330669165	-0.330669165 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.6598295 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2000008 ± 0.00390625	~

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

Test Step 2.4 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002	
Prev1SclDrvVel_RadpS_M_f32	-4.21000004	
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019	
Prev2ScIDrvVel_RadpS_M_f32	-2	
ScaledDriverVel_MtrRadpS_T_f32	7226.65186	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

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	-0.0331999995		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.134560004		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534499995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45674992		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654011		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.75764513		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.509668887	0.509668827 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.91875339 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	7226.65186	7226.65186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	•
Prev2ScIDrvVel_RadpS_M_f32	-4.21000004	-4.21000004 ± 0.00390625	✓

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

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.5999999		
Prev1SclDrvVel_RadpS_M_f32	26.1000004		
Prev2PreAttnComp_MtrNm_M_f32	8.30000019		
Prev2SclDrvVel_RadpS_M_f32	17.0300007		
ScaledDriverVel_MtrRadpS_T_f32	0		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00636299979		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.257400006		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00144999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.78980017		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.85340023		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.782138526	0.782138526 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.55215085 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1000004 ± 0.00390625	•

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

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005	
Prev1ScIDrvVel_RadpS_M_f32	-16.6599998	
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981	
Prev2SclDrvVel_RadpS_M_f32	-3	
ScaledDriverVel_MtrRadpS_T_f32	10.1999998	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	116	
t_FDD_AttenTblY_Uls_u8p8[1]	118	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234500002	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.154569998	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.10000002	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.76664495	

2015-10-26, 11:44:23+0530



GenFddlcCmd

Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.157648206	0.157648295 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.347913265	0.347913474 ± 0.0000009	~
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.1999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-16.6599998	-16.6599998 ± 0.00390625	~

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

Test Step 2.7 (Repeat Count = 1)			~
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	3.2999995		
Prev1SclDrvVel_RadpS_M_f32	26.4500008		
Prev2PreAttnComp_MtrNm_M_f32	5.19999981		
Prev2SclDrvVel_RadpS_M_f32	17.1200008		
ScaledDriverVel_MtrRadpS_T_f32	-10.3000002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0312300008		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.168779999		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.20000005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.27867007		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234009		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452002		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.8318522	-1.83185208 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.25662613	-3.25662589 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-10.3000002	-10.3000002 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.2999995	3.29999995 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	26.4500008	26.4500008 ± 0.00390625	•

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

Test Step 2.8 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-3.2999995	
Prev1SclDrvVel_RadpS_M_f32	-4.21000004	
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995	
Prev2SclDrvVel_RadpS_M_f32	-33.3199997	
ScaledDriverVel_MtrRadpS_T_f32	2562.6001	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	656	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	720	
t_FDD_AttenTblY_Uls_u8p8[0]	172	
t_FDD_AttenTblY_Uls_u8p8[1]	174	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156213	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175633997	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.79999995	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1675601	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77452993	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	470.300568 ± 0.0009	~
Prev1PreAttnComp_MtrNm_M_f32	691.936462 691.936462 ± 0.0009	~
Prev1SclDrvVel_RadpS_M_f32	2562.6001 2562.6001 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	~



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 2.9 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.4000001		
Prev1SclDrvVel_RadpS_M_f32	1234.56006		
Prev2PreAttnComp_MtrNm_M_f32	2.29999995		
Prev2SclDrvVel_RadpS_M_f32	4678.14014		
ScaledDriverVel_MtrRadpS_T_f32	-2.79999995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184533998		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.89999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53499985		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.45234489		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	21.4257507	21.4257526 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	25.1605148	25.1605167 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.79999995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	1234.56006	1234.56006 ± 0.00390625	

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-4.4000001	
Prev1SclDrvVel_RadpS_M_f32	-27.5499992	
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005	
Prev2SclDrvVel_RadpS_M_f32	-15	
ScaledDriverVel_MtrRadpS_T_f32	3.5	
iltCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	784	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	880	
_FDD_AttenTblY_Uls_u8p8[0]	63	
_FDD_AttenTblY_Uls_u8p8[1]	66	
gt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00346700009	
gt_filtCoef_Uls_T_Str.b1_Uls_f32	0.194564506	
gt_filtCoef_Uls_T_Str.b2_Uls_f32	0.899999976	
gt_filtCoef_Uls_T_Str.a0_Uls_f32	3.82342291	
gt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78986979	
gt_filtCoef_Uls_T_Str.a2_Uls_f32	7.63450003	

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Actual Value	Expected Value	Result
-0.823069274	-0.823069274 ± 0.0000009	~
-3.34453535	-3.34453535 ± 0.000009	•
3.5	3.5 ± 0.00390625	✓
-4.4000001	-4.4000001 ± 0.00048828125	•
-27.5499992	-27.5499992 ± 0.00390625	✓
	-0.823069274 -3.34453535 3.5 -4.4000001	-0.823069274 -0.823069274 ± 0.0000009 -3.34453535 -3.34453535 ± 0.000009 3.5 3.5 ± 0.00390625 -4.4000001 -4.4000001 ± 0.00048828125

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Test Step Call Trace
Actual Function

IntplVarXY_u16_u16Xu16Y_Cnt

Count Result





Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.5		
Prev1SclDrvVel_RadpS_M_f32	6789.56494		
Prev2PreAttnComp_MtrNm_M_f32	1.70000005		
Prev2SclDrvVel_RadpS_M_f32	5322.14014		
ScaledDriverVel_MtrRadpS_T_f32	-3.9000001		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	944		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	960		
t_FDD_AttenTblY_Uls_u8p8[0]	78		
t_FDD_AttenTblY_Uls_u8p8[1]	80		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00435299985		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00164559996		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72340012		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.6456399		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.3656702		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.0503453612	0.0503453724 ± 0.00000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.165236056	0.165236101 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	-3.9000001	-3.9000001 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	6789.56494	6789.56494 ± 0.00390625	✓

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

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.5		
Prev1SclDrvVel_RadpS_M_f32	-37.1500015		
Prev2PreAttnComp_MtrNm_M_f32	-8.30000019		
Prev2SclDrvVel_RadpS_M_f32	-42.0200005		
ScaledDriverVel_MtrRadpS_T_f32	1444.09998		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1008		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1040		
t_FDD_AttenTblY_Uls_u8p8[0]	106		
t_FDD_AttenTblY_Uls_u8p8[1]	109		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0054560001		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00176699995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.65673995		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.94645023		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.619547307	-0.619547248 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.45508361	-1.45508349 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	1444.09998	1444.09998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.1500015 ± 0.00390625	~

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

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	6.5999999
Prev1SclDrvVel_RadpS_M_f32	26.1000004
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2SclDrvVel_RadpS_M_f32	17.0300007
ScaledDriverVel_MtrRadpS_T_f32	-2234.69995
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00636299979		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.257400006		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00144999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.78980017		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.85340023		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.625984669	0.625984728 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.22329831	1.22329831 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-2234.69995	-2234.69995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	26.1000004	26.1000004 ± 0.00390625	✓

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

Test Step 2.14 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999	
Prev1ScIDrvVel_RadpS_M_f32	-33.0999985	
Prev2PreAttnComp_MtrNm_M_f32	-7.5	
Prev2ScIDrvVel_RadpS_M_f32	-22.0400009	
ScaledDriverVel_MtrRadpS_T_f32	1555.59998	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200	
t_FDD_AttenTblY_Uls_u8p8[0]	157	
t_FDD_AttenTblY_Uls_u8p8[1]	161	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745003	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.245399997	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524017	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.25399971	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	-18.191328	✓
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	1555.59998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-33.0999985 ± 0.00390625	•

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

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	7.69999981
Prev1SclDrvVel_RadpS_M_f32	18
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2SclDrvVel_RadpS_M_f32	28.0100002
ScaledDriverVel_MtrRadpS_T_f32	-5.80000019
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280
t_FDD_AttenTblY_Uls_u8p8[0]	183
t_FDD_AttenTblY_Uls_u8p8[1]	185
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00863999967
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.315450013
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111398
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.34540009





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.63530016		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432026		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.29496682	1.29496706 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.81153858 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-5.80000019	-5.80000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.69999981 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	18	18 ± 0.00390625	

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

Test Step 2.16 (Repeat Count = 1)				
Name	Input Value			
Prev1PreAttnComp_MtrNm_M_f32	-7.69999981			
Prev1ScIDrvVel_RadpS_M_f32	-28.0200005			
Prev2PreAttnComp_MtrNm_M_f32	-6.5			
Prev2SclDrvVel_RadpS_M_f32	-27			
ScaledDriverVel_MtrRadpS_T_f32	6.19999981			
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str			
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296			
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360			
t_FDD_AttenTblY_Uls_u8p8[0]	230			
t_FDD_AttenTblY_Uls_u8p8[1]	232			
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00958499964			
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.325540006			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.149599999			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23453498			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.63445282			
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435009			
Name	Actual Value Expected Value	Result		
GenFddlcCmd()	-3.82750082 -3.82750082 ± 0.000009	✓		
Prev1PreAttnComp_MtrNm_M_f32	-4.26017475 -4.26017475 ± 0.000009	✓		
Prev1ScIDrvVel_RadpS_M_f32	6.19999981 ± 0.00390625	✓		
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981 ± 0.00048828	125		
Prev2SclDrvVel_RadpS_M_f32	-28.0200005 -28.0200005 ± 0.00390625	✓		

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

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1ScIDrvVel RadpS M f32	24.0599995		
Prev2PreAttnComp MtrNm M f32	6.5		
Prev2ScIDrvVel RadpS M f32	32.5600014		
ScaledDriverVel MtrRadpS T f32	-6.30000019		
filtCoef Uls T Str	tgt filtCoef Uls T Str		
t FDD AttenTblX MtrRadpS u12p4[0]	1344		
t FDD AttenTblX MtrRadpS u12p4[1]	1440		
t FDD AttenTblY Uls u8p8[0]	71		
t FDD AttenTblY Uls u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00365000009		
tgt filtCoef Uls T Str.b1 Uls f32	0.267450005		
tgt filtCoef Uls T Str.b2 Uls f32	6.45600012e-005		
tgt filtCoef Uls T Str.a0 Uls f32	0.552588522		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.45639992		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.13453388		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	0.371916622	0.371916652 ± 0.0000009	
Prev1PreAttnComp MtrNm M f32	1.34099519	1.34099519 ± 0.000009	
Prev1SclDrvVel RadpS M f32	-6.30000019	-6.30000019 ± 0.00390625	
Prev2PreAttnComp MtrNm M f32	1.5	1.5 ± 0.00048828125	
Prev2SclDrvVel RadpS M f32	24.0599995	24.0599995 ± 0.00390625	



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

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1SclDrvVel_RadpS_M_f32	-16.0499992		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2SclDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4000001		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1568		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0142299999		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.273440003		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145340001		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989228		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45349979		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564018		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.164055958	0.164056018 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009	✓
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4000001 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-16.0499992	-16.0499992 ± 0.00390625	

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

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	100.040001		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	97		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234200004		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745000027		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45372295		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53450012		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534016		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.44737673	1.44737673 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024962 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	100.040001	100.040001 ± 0.00390625	~

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



Test Step 2.20 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.5		
Prev1SclDrvVel_RadpS_M_f32	-69.4000015		
Prev2PreAttnComp_MtrNm_M_f32	-3.5		
Prev2SclDrvVel_RadpS_M_f32	-59.6500015		
ScaledDriverVel_MtrRadpS_T_f32	1500.02002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1680		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0345200002		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534529972		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.634500027		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.84563017		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.45213747	-2.45213771 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.51616716 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02002 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-69.4000015	-69.4000015 ± 0.00390625	✓

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

Test Step 2.21 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1ScIDrvVel_RadpS_M_f32	-49.6500015		
Prev2PreAttnComp_MtrNm_M_f32	-2.4000001		
Prev2SclDrvVel_RadpS_M_f32	-36.5		
ScaledDriverVel_MtrRadpS_T_f32	2500.06006		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0434530005		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.294499993		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135000004		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.734529972		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.84172678		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.23250008		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.778024733	-0.778024733 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.01779294	-3.01779294 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	2500.06006	2500.06006 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-49.6500015	-49.6500015 ± 0.00390625	~

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

Test Step 2.22 (Repeat Count = 1)	✓
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	22.5400009
Prev2PreAttnComp_MtrNm_M_f32	2.4000001
Prev2ScIDrvVel_RadpS_M_f32	11
ScaledDriverVel_MtrRadpS_T_f32	-2500.08008
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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	-0.0534199998		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.303600013		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000423399993		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.845555007		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5474		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34200001		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2.5159831	2.5159831 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.37220788	3.37220788 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-2500.08008	-2500.08008 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	22.5400009	22.5400009 ± 0.00390625	✓

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

Test Step 2.23 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.5		
Prev1ScIDrvVel_RadpS_M_f32	-48.5400009		
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002		
Prev2SclDrvVel_RadpS_M_f32	-38.5400009		
ScaledDriverVel_MtrRadpS_T_f32	3500.06006		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	160		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0112300003		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305640012		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234530002		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.954639971		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.34534502		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042362		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-9.47003937	-9.47003937 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.1436405 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06006 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.5400009 ± 0.00390625	✓

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

Test Step 2.24 (Repeat Count = 1)		•
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	6.5	
Prev1SclDrvVel_RadpS_M_f32	163.649994	
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	
Prev2SclDrvVel_RadpS_M_f32	175	
ScaledDriverVel_MtrRadpS_T_f32	-3.01999998	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	176	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0212299991	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.315640002	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.0999999	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05677998	

GenFddlcCmd



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

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

Test Step 2.25 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1ScIDrvVel_RadpS_M_f32	-90.3600006		
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038		
Prev2SclDrvVel_RadpS_M_f32	-120.230003		
ScaledDriverVel_MtrRadpS_T_f32	4.099999		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	192		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0323400013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.324499995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.2999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.13450003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584017		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.11698532	-2.11698532 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.33766556 ± 0.000009	✓
Prev1ScIDrvVel_RadpS_M_f32	4.0999999	4.0999999 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.3600006 ± 0.00390625	•

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

Test Step 2.26 (Repeat Count = 1)		•
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	2.5	
Prev1ScIDrvVel_RadpS_M_f32	100.040001	
Prev2PreAttnComp_MtrNm_M_f32	4.5	
Prev2ScIDrvVel_RadpS_M_f32	-12917.2998	
ScaledDriverVel_MtrRadpS_T_f32	-7.5	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTbIX_MtrRadpS_u12p4[0]	1552	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600	
t_FDD_AttenTblY_Uls_u8p8[0]	114	
t_FDD_AttenTblY_Uls_u8p8[1]	116	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234200004	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745000027	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45372295	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53450012	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534016	
Name	Actual Value Expected Value	Resul
GenFddlcCmd()	16.6205254 16.6205254 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	37.3232841 37.323288 ± 0.00009	
Prev1SclDrvVel_RadpS_M_f32	-7.5 ± 0.00390625	
Prev2PreAttnComp_MtrNm_M_f32	2.5 ± 0.00048828125	
Prev2SclDrvVel RadpS M f32	100.040001 100.040001 ± 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 2.27 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-7.5		
Prev1SclDrvVel_RadpS_M_f32	250.449997		
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981		
Prev2SclDrvVel_RadpS_M_f32	12917.2998		
ScaledDriverVel_MtrRadpS_T_f32	-39.0699997		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	224		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240		
t_FDD_AttenTblY_Uls_u8p8[0]	116		
t_FDD_AttenTblY_Uls_u8p8[1]	118		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00553400023		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.258560002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.64999998		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.73400021		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.24564505		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-11.8644609	-11.86446 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-26.1836376	-26.1836376 ± 0.00009	✓
Prev1SclDrvVel_RadpS_M_f32	-39.0699997	-39.0699997 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	250.449997	250.449997 ± 0.00390625	

Count Expected Function

IntplVarXY_u16_u16Xu16Y_Cnt

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	8.5	
Prev1SclDrvVel_RadpS_M_f32	5000.6499	
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	
Prev2SclDrvVel_RadpS_M_f32	0	
ScaledDriverVel_MtrRadpS_T_f32	6075.08984	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320	
t_FDD_AttenTblY_Uls_u8p8[0]	144	
t_FDD_AttenTblY_Uls_u8p8[1]	146	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00633999985	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346008	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.349999994	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.47860003	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764004	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.36499977	
Name	Actual Value Expected Value	Resul
GenFddlcCmd()	452.265015 452.264984 ± 0.0009	•
Prev1PreAttnComp_MtrNm_M_f32	793.012634 793.012573 ± 0.0009	•
Prev1SclDrvVel_RadpS_M_f32	6075.08984 ± 0.0039	00625
Prev2PreAttnComp_MtrNm_M_f32	8.5 ± 0.00048828125	5
Prev2SclDrvVel_RadpS_M_f32	5000.6499 5000.6499 ± 0.00390	0625

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



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.5		
Prev1SclDrvVel_RadpS_M_f32	-26.6499996		
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999		
Prev2ScIDrvVel_RadpS_M_f32	-10.1199999		
ScaledDriverVel_MtrRadpS_T_f32	6.01999998		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00633999985		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268566996		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.23999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.57679999		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.00045586		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.47660017		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-5.66504765	-5.66504812 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.43169975 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	6.01999998	6.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-26.6499996	-26.6499996 ± 0.00390625	•

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

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.2999995		
Prev1SclDrvVel_RadpS_M_f32	18.6000004		
Prev2PreAttnComp_MtrNm_M_f32	6.5999999		
Prev2SclDrvVel_RadpS_M_f32	10.25		
ScaledDriverVel_MtrRadpS_T_f32	-6.05999994		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	272		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00744999992		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.274430007		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.388999999		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65674996		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456003		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57685995		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.33675155	-0.336751729 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	~
Prev1ScIDrvVel_RadpS_M_f32	-6.05999994	-6.05999994 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.29999995 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	18.6000004	18.6000004 ± 0.00390625	~

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

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.29999995
Prev1SclDrvVel_RadpS_M_f32	-12917.2998
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2ScIDrvVel_RadpS_M_f32	-900.359985
ScaledDriverVel_MtrRadpS_T_f32	-4.01999998
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	-0.00844999962		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000563999987		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.779999971		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453002		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.67859983		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.722379088	0.722378969 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.93538117 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-4.0199998	-4.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.29999995 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	•

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

Test Step 2.32 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	2.29999995	
Prev1SclDrvVel_RadpS_M_f32	12917.2998	
Prev2PreAttnComp_MtrNm_M_f32	5.5	
Prev2SclDrvVel_RadpS_M_f32	-2000.09998	
ScaledDriverVel_MtrRadpS_T_f32	-1.04999995	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	304	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2640	
t_FDD_AttenTblY_Uls_u8p8[0]	78	
t_FDD_AttenTblY_Uls_u8p8[1]	80	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00944999978	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000653999974	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.01999998	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.84529996	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.87345314	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.15644979	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	1.61534405	~
Prev1PreAttnComp_MtrNm_M_f32	5.30164194 5.30164194 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-1.04999995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.29999995 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998 ± 0.00390625	~

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

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.29999995	
Prev1SclDrvVel_RadpS_M_f32	0	
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	
Prev2SclDrvVel_RadpS_M_f32	3000	
ScaledDriverVel_MtrRadpS_T_f32	2.05999994	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2720	
t_FDD_AttenTblY_Uls_u8p8[0]	106	
t_FDD_AttenTblY_Uls_u8p8[1]	109	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0132400002	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305599988	
gt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32000005	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454	





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53399992		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7456398		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.96688271	-2.96688247 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.16530085 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	2.05999994	2.05999994 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.2999995	-2.29999995 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	

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

Test Step 2.34 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	3.4000001	
Prev1ScIDrvVel_RadpS_M_f32	-2000.02002	
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	
Prev2SclDrvVel_RadpS_M_f32	-3000.3999	
ScaledDriverVel_MtrRadpS_T_f32	-2.04999995	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2800	
t_FDD_AttenTblY_Uls_u8p8[0]	129	
t_FDD_AttenTblY_Uls_u8p8[1]	131	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0223399997	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00467800023	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00185759994	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.04563999	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3453002	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84533978	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	6.05533695 6.05533695 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	12.0167923	✓
Prev1ScIDrvVel_RadpS_M_f32	-2.04999995 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	3.4000001 3.4000001 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-2000.02002 -2000.02002 ± 0.00390625	~

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

Test Step 2.35 (Repeat Count = 1)		V
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-3.4000001	
Prev1SclDrvVel_RadpS_M_f32	2000.03003	
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	
Prev2SclDrvVel_RadpS_M_f32	4000.6001	
ScaledDriverVel_MtrRadpS_T_f32	-350.019989	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2880	
t_FDD_AttenTblY_Uls_u8p8[0]	157	
t_FDD_AttenTblY_Uls_u8p8[1]	161	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0323400013	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0478399992	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00164499995	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.1456399	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453002	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.93450022	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	-4.80776691 -4.80776644 ± 0.000009	-
Prev1PreAttnComp_MtrNm_M_f32	-7.64464808 -7.64464712 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	-350.019989 -350.019989 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-3.4000001 -3.4000001 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2000.03003 2000.03003 ± 0.00390625	-





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

Test Step 2.36 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.80000019		
Prev1SclDrvVel_RadpS_M_f32	-1000.40002		
Prev2PreAttnComp_MtrNm_M_f32	-5.5		
Prev2SclDrvVel_RadpS_M_f32	-7500.6001		
ScaledDriverVel_MtrRadpS_T_f32	-3.04999995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2960		
t_FDD_AttenTblY_Uls_u8p8[0]	183		
t_FDD_AttenTblY_Uls_u8p8[1]	185		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0445640013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32554999		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00234199991		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24539995		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53453016		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.34229994		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-3.7178309	-3.71783352 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.20090389 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.04999995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-1000.40002	-1000.40002 ± 0.00390625	✓

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

Test Step 2.37 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.80000019		
Prev1SclDrvVel_RadpS_M_f32	980.599976		
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005		
Prev2ScIDrvVel_RadpS_M_f32	6500.8501		
ScaledDriverVel_MtrRadpS_T_f32	4.05000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3040		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0535340011		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330264002		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00252350001		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.36750007		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.13453007		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	5.50454187	5.5045433 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	6.12679434	6.12679625 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	4.05000019	4.05000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.80000019 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	980.599976	980.599976 ± 0.00390625	•

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





Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	0		
Prev1SclDrvVel_RadpS_M_f32	-1000		
Prev2PreAttnComp_MtrNm_M_f32	2.20000005		
Prev2SclDrvVel_RadpS_M_f32	-5000.41016		
ScaledDriverVel_MtrRadpS_T_f32	-4.80000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2560		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3120		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0423419997		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.275660008		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00153500005		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45600009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42341995		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.99402881	-2.99402905 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.795372 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	-4.80000019	-4.80000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	✓

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

Test Step 2.39 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.25		
Prev1SclDrvVel_RadpS_M_f32	1500.05005		
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002		
Prev2ScIDrvVel_RadpS_M_f32	6000.68994		
ScaledDriverVel_MtrRadpS_T_f32	5.9000001		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2720		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3200		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0534529984		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284563988		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00123419997		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56574988		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32785988		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.25640011		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.06544733	4.06544781 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017981 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	5.9000001	5.9000001 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	1500.05005	1500.05005 ± 0.00390625	~

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

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	5.25
Prev1SclDrvVel_RadpS_M_f32	2500.06006
Prev2PreAttnComp_MtrNm_M_f32	1.10000002
Prev2SclDrvVel_RadpS_M_f32	9000.4502
ScaledDriverVel_MtrRadpS_T_f32	2557
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

2015-10-26, 11:44:23+0530



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	-0.0132400002		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0006345		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.67860007		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.31230021		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.55639982		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	45.0379448	45.037941 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	99.3940811	99.3940735 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	2557	2557 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.25	5.25 ± 0.00048828125	~
Prev2ScIDrvVel RadpS M f32	2500.06006	2500.06006 ± 0.00390625	✓

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

Test Step 2.41 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.5999999		
Prev1SclDrvVel_RadpS_M_f32	-1500.06006		
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019		
Prev2SclDrvVel_RadpS_M_f32	-9000.11035		
ScaledDriverVel_MtrRadpS_T_f32	1646.69995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	3040		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3360		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00630000001		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.113449998		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234000006		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.77649999		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.34533978		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.73522997		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-4.42373562	-4.4237361 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.14731216 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.69995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5999999	4.5999999 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-1500.06006	-1500.06006 ± 0.00390625	~

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

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-4.5999999
Prev1SclDrvVel_RadpS_M_f32	600.070007
Prev2PreAttnComp_MtrNm_M_f32	8.80000019
Prev2SclDrvVel_RadpS_M_f32	9900.65039
ScaledDriverVel_MtrRadpS_T_f32	-6.80000019
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3440
t_FDD_AttenTblY_Uls_u8p8[0]	63
t_FDD_AttenTblY_Uls_u8p8[1]	66
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00744999992
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.156450003
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84563994

GenFddlcCmd



Name	Input Value			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.43419981	-7.43419981		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.84499979			
Name	Actual Value	Expected Value	Result	
GenFddlcCmd()	-1.46749699	-1.46749687 ± 0.000009	~	
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316195 ± 0.000009	~	
Prev1ScIDrvVel_RadpS_M_f32	-6.80000019	-6.80000019 ± 0.00390625	~	
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.5999999 ± 0.00048828125	~	
Prev2ScIDrvVel_RadpS_M_f32	600.070007	600.070007 ± 0.00390625	~	

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

Test Step 2.43 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	5.69999981	
Prev1ScIDrvVel_RadpS_M_f32	5000	
Prev2PreAttnComp_MtrNm_M_f32	0	
Prev2SclDrvVel_RadpS_M_f32	8000.6499	
ScaledDriverVel_MtrRadpS_T_f32	2412.05005	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3520	
t_FDD_AttenTblY_Uls_u8p8[0]	189	
t_FDD_AttenTblY_Uls_u8p8[1]	191	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234200004	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00123399997	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000243779999	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564018	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93452978	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	-14.621316 -14.621316 ± 0.00009	✓
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565 ± 0.00009	✓
Prev1ScIDrvVel_RadpS_M_f32	2412.05005 2412.05005 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	5.69999981 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	5000 ± 0.00390625	✓

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

Test Step 2.44 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-5.69999981	
Prev1SclDrvVel_RadpS_M_f32	-9000.01465	
Prev2PreAttnComp_MtrNm_M_f32	-5.25	
Prev2SclDrvVel_RadpS_M_f32	-6000.12012	
ScaledDriverVel_MtrRadpS_T_f32	-23.0200005	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3600	
t_FDD_AttenTblY_Uls_u8p8[0]	237	
t_FDD_AttenTblY_Uls_u8p8[1]	239	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0323400013	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0155999996	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.360000014	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.06739998	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45834923	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.14300013	
Name	Actual Value Expected Value	Resul
GenFddlcCmd()	3.19451404 3.19450998 ± 0.00000	9
Prev1PreAttnComp_MtrNm_M_f32	3.45061421 3.45060992 ± 0.00000	09
Prev1SclDrvVel_RadpS_M_f32	-23.0200005 ± 0.0039	0625
Prev2PreAttnComp_MtrNm_M_f32	-5.69999981 ± 0.0004	8828125
Prev2SclDrvVel RadpS M f32	-9000.01465 ± 0.0039	0625





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

Test Step 2.45 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.80000019		
Prev1SclDrvVel_RadpS_M_f32	600.090027		
Prev2PreAttnComp_MtrNm_M_f32	5.25		
Prev2SclDrvVel_RadpS_M_f32	9000.62012		
ScaledDriverVel_MtrRadpS_T_f32	34.0600014		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTbIX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00645000022		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167769998		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.540000021		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1456399		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.86493492		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.7456398		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	9.78774643	9.78774548 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.894187 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	34.0600014	34.0600014 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.80000019 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	600.090027	600.090027 ± 0.00390625	

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

Test Step 2.46 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1SclDrvVel_RadpS_M_f32	-400.049988		
Prev2PreAttnComp_MtrNm_M_f32	6.80000019		
Prev2SclDrvVel_RadpS_M_f32	-7235.12012		
ScaledDriverVel_MtrRadpS_T_f32	45.0600014		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00553400023		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.273440003		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000533999992		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234009		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54522991		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.39375806	-2.3937583 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886	-8.28110981 ± 0.000009	✓
Prev1SclDrvVel_RadpS_M_f32	45.0600014	45.0600014 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-400.049988	-400.049988 ± 0.00390625	~

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





Test Step 2.47 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1SclDrvVel_RadpS_M_f32	289.649994		
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981		
Prev2ScIDrvVel_RadpS_M_f32	8563.2998		
ScaledDriverVel_MtrRadpS_T_f32	-4.05000019		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00633999985		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.285459995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.140000001		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.47860003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.75764513		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.24506903	1.24506915 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.70625234 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	289.649994	289.649994 ± 0.00390625	✓

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

Test Step 2.48 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	-150		
Prev2PreAttnComp_MtrNm_M_f32	5.19999981		
Prev2ScIDrvVel_RadpS_M_f32	-9358.2002		
ScaledDriverVel_MtrRadpS_T_f32	5266.06006		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1005		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	9383		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00633999985		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.295599997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25999999		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.57679999		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53499985		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.45629978		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	74.4717255	74.4717255 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	164.351395	164.351395 ± 0.0009	✓
Prev1ScIDrvVel_RadpS_M_f32	5266.06006	5266.06006 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✓
Prev2ScIDrvVel_RadpS_M_f32	-150	-150 ± 0.00390625	~

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

Test Step 2.49 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-2341.03003
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2SclDrvVel_RadpS_M_f32	9782.2002
ScaledDriverVel_MtrRadpS_T_f32	4585.02002
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

GenFddlcCmd

Prev2SclDrvVel_RadpS_M_f32

2015-10-26, 11:44:23+0530



-2341.03003 ± 0.00390625

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00744999992		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.294499993		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.37999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65674996		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78986979		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0	0 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	132.005234	132.005234 ± 0.0009	~
Prev1SclDrvVel_RadpS_M_f32	4585.02002	4585.02002 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	~

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

-2341.03003

Name	Input Value		
Prev1PreAttnComp MtrNm M f32	-3.5		
Prev1ScIDrvVel RadpS M f32	500.011993		
Prev2PreAttnComp MtrNm M f32	2.2999995		
Prev2ScIDrvVel RadpS M f32	12000		
ScaledDriverVel MtrRadpS T f32	3.0199998		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00844999962		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.303600013		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.6456399		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452002		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	4.95908308	4.9590807 ± 0.000009	•
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.9590807 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	3.0199998	3.01999998 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	500.011993	500.011993 ± 0.00390625	

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

Test Step 2.51 (Repeat Count = 1)		~
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	4.5	
Prev1SclDrvVel_RadpS_M_f32	385.032013	
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005	
Prev2SclDrvVel_RadpS_M_f32	-10712.3203	
ScaledDriverVel_MtrRadpS_T_f32	-7.01999998	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1648	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3712	
t_FDD_AttenTblY_Uls_u8p8[0]	63	
t_FDD_AttenTblY_Uls_u8p8[1]	66	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00944999978	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305640012	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.620000005	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.84529996	

2015-10-26, 11:44:23+0530



GenFddlcCmd

Name	Input Value				
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993				
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77452993	6.77452993			
Name	Actual Value	Expected Value	Result		
GenFddlcCmd()	8.95816231	8.95816231 ± 0.000009	~		
Prev1PreAttnComp_MtrNm_M_f32	36.4014206	36.4014206 ± 0.00009	✓		
Prev1ScIDrvVel_RadpS_M_f32	-7.01999998	-7.01999998 ± 0.00390625	~		
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✓		
Prev2SclDrvVel_RadpS_M_f32	385.032013	385.032013 ± 0.00390625	✓		

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