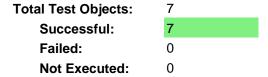
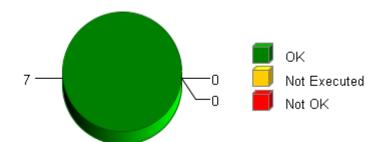


#### **Summary**

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



**Date:** 2015-10-26 **Time:** 11:16:51+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"

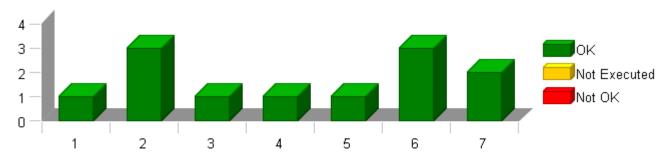
Test Object "CBD UnitTest/FDD Inertia/FrgDepDmpnInrtCmp Per1"

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

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

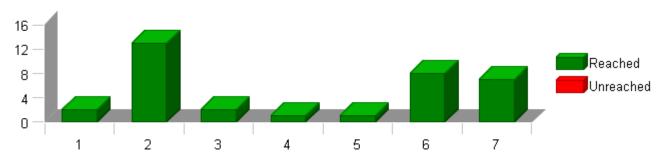
#### Test Case Results for Each Test Object (without Coverage)



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).

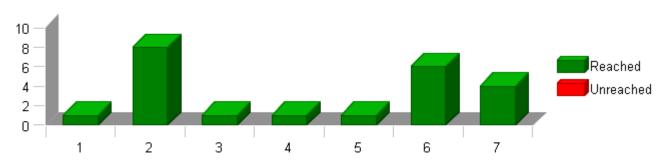


#### Statement (C0) Coverage: Total Statements for Each Test Object



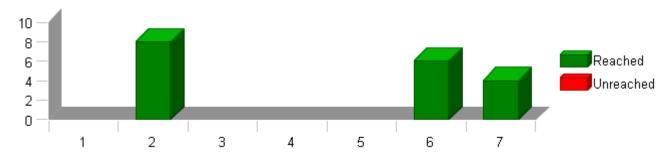
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

#### 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**

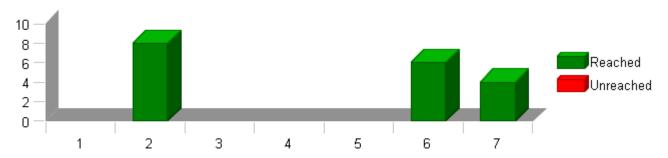


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



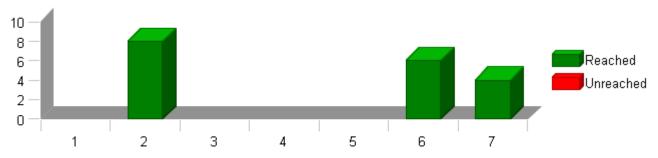
#### MC/DC Coverage: Total Condition Combinations for Each Test Object



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**

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Razorcat

Project 9BXX\_FrqDepDmpnInrtCmp

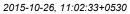
## **Test Object List**

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

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

No.	Name	C0	C1	DC	MC/DC	МСС	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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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	$\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\\$(Projemprinde -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\4p_FrqDepDmpnInrtCmp\utp\contract\4p_FrqDepDmpnInrtCmp -I\$(PROJECTROOT) \NxtrLib\include -I\$(PROJECTROOT)\\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Descript	
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 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.  Note 2:""CBD_Sandbox_dbg.map" file is embedded for reference.  Note 3:In ""DriverVelCalc" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run
	in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 10
	Note 6:In ""GenFddlcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd" for the return values and in function ""FrqDepDmpnInrtCmp_Per1"" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

Attributes				
Name	Value			
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5			
Float Precision	9			
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl			
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution	1			
Timer Unit	Cycles			
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			

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**DriverVelCalc** 



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

Specification

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

TS1.1 TS1.2 329 Cycles 341 Cycles TS1.2 TS1.3 TS1.4 TS1.5 TS1.6 341 Cycles 341 Cycles 341 Cycles 341 Cycles 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 TS1.23 TS1.24 TS1.25 TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 329 Cycles 329 Cycles 427 Cycles 341 Cycles 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

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4





Test Step 1.1 (Repeat Count = 1) Name	Input Value		
CRFMotorVel MtrRadpS T f32	-1118		
HwTorque HwNm T f32	-10		
PrevTbarAng HwDeg M f32	-20		
TbarVelFiltSv M str.SV Uls f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
VehicleSpeed Kph T f32	0.00123384798		
k CmnSysKinRatio MtrDegpHwDeg f32	1		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
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		
	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	·	Form and ad Malico	D- 1
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	6.6666989
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
VehicleSpeed_Kph_T_f32	511.992188
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128

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Name	Input Value			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128	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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	<b>V</b>

Test Step 1.3 (Repeat Count = 1)			<b>√</b>
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					
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	

DriverVelCalc

PrevTbarAng\_HwDeg\_M\_f32

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

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Name	Input Value		
PrevTbarAng_HwDeg_M_f32	3.99950004		
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995		
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995		
VehicleSpeed_Kph_T_f32	200.029999		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992		
k_CmnTbarStiff_NmpDeg_f32	2.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-80.3920822	-80.3920822 ± 0.00009	~

Test Step Call Trace						<b>V</b>
	Actual Function	Count	Expected Function	Count	Resu	lt
	IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

1.86838663

4 ± 0.00390625

1.86839092 ± 0.00390625

Test Step 1.5 (Repeat Count = 1)	
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	200.199997
HwTorque_HwNm_T_f32	0
PrevTbarAng_HwDeg_M_f32	0.0099999978
TbarVelFiltSv_M_str.SV_Uls_f32	3.21449995
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
VehicleSpeed_Kph_T_f32	300.049988
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.399996
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

DriverVelCalc



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

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

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





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

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

Test Step 1.8 (Repeat Count = 1)	1 CM	
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-1118	
HwTorque_HwNm_T_f32	1.60000002	
PrevTbarAng_HwDeg_M_f32	0.246099994	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996	
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981	
VehicleSpeed_Kph_T_f32	150.080002	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.7999992	
k_CmnTbarStiff_NmpDeg_f32	6.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t_CmnVehSpd_Kph_u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t_CmnVehSpd_Kph_u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22	





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

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	1118		
HwTorque HwNm T f32	-1.20000005		
PrevTbarAng HwDeg M f32	-0.153209999		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
VehicleSpeed_Kph_T_f32	16.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.0999985		
k_CmnTbarStiff_NmpDeg_f32	7.80000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	335.105377	335.105347 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.15384616 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-3.08251452	-3.08251452 ± 0.00390625	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntolVarXY u16 u16Xu16Y Cnt	1	IntolVarXY u16 u16Xu16Y Cnt	1	

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

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

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-450		
HwTorque HwNm T f32	-2.70000005		
PrevTbarAng HwDeg M f32	-0.291999996		
TbarVelFiltSv M str.SV Uls f32	-5.74119997		
TbarVelFiltSv M str.K Uls f32	0.0369799994		
VehicleSpeed Kph T f32	22.5100002		
k CmnSysKinRatio MtrDegpHwDeg f32	90.5		
k CmnTbarStiff NmpDeg f32	9.19999981		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.10000001		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-47.2626114	-47.2626114 ± 0.00009	•
PrevTbarAng HwDeg M f32	-0.29347828	-0.293478251 ± 0.00390625	•





Name	Actual Value	Expected Value	Result
TbarVelFiltSv M str.SV Uls f32	-5.55622387	-5.55622339 ± 0.00390625	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
CRFMotorVel MtrRadpS T f32	400		
HwTorque HwNm T f32	3.5999999		
PrevTbarAng HwDeg M f32	2.3900001		
TbarVelFiltSv M str.SV UIs 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	Resul
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	

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

Test Step 1.16 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	600.630005	
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	

DriverVelCalc

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

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5.68316746 ± 0.00390625

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	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

5.68316746

Name	Input Value		
CRFMotorVel MtrRadpS T f32	-600.840027		
HwTorque HwNm T f32	10		
PrevTbarAng HwDeg M f32	20		
TbarVelFiltSv_M_str.SV_UIs_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			V	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 1.18 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	150.139999		
HwTorque_HwNm_T_f32	0.050000007		
PrevTbarAng_HwDeg_M_f32	0		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.12400007		
TbarVelFiltSv_M_str.K_Uls_f32	0.0478519984		
VehicleSpeed_Kph_T_f32	37.0200005		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	77.1999969		
k_CmnTbarStiff_NmpDeg_f32	10		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.30000012		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	44.9518433	44.9518433 ± 0.00009	•
PrevTbarAng_HwDeg_M_f32	0.0049999989	0.00499999989 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-2.85488033	-2.85488033 ± 0.00390625	•

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

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

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-30.2861042	-30.2861061 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-0.882352948	-0.882352948 ± 0.00390625	~
TbarVelFiltSv M str.SV Uls f32	-2.69583821	-2.69583726 ± 0.00390625	•

Test Step Call Trace				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			<b>✓</b>
	<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	<b>✓</b>

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

DriverVelCalc



	, , , ,
Name	Input Value
HwTorque_HwNm_T_f32	-8.5
PrevTbarAng_HwDeg_M_f32	-16.9969997
TbarVelFiltSv_M_str.SV_Uls_f32	1.25870001
TbarVelFiltSv_M_str.K_Uls_f32	0.224399999
VehicleSpeed_Kph_T_f32	44.0499992
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272
t_CmnVehSpd_Kph_u9p7[9]	6400
t_CmnVehSpd_Kph_u9p7[10]	6528
t_CmnVehSpd_Kph_u9p7[11]	6656
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	22

t_inrtCmp_1Barvei_ScaleFactor1blY_Uis_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-225.52951	-225.529526 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-17	-17 ± 0.00390625	•
ThanValEiltSv. M. etr. SV. I lle. f32	0.630618635	0.639647722 + 0.00390625	<b>✓</b>

Test Step Call Trace					<b>/</b>
Actual Function	Count	Expected Function	Count	Resu	ılt
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		•

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

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	torTbIY_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	~

est 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	Innut Value		
	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	Resul
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			<b>✓</b>	
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	

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

Test Step 1.25 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	450.519989
HwTorque_HwNm_T_f32	1.5
PrevTbarAng_HwDeg_M_f32	1.15400004
TbarVelFiltSv_M_str.SV_Uls_f32	4.56230021
TbarVelFiltSv_M_str.K_Uls_f32	0.559899986
VehicleSpeed_Kph_T_f32	187.059998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	1.2999995
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37

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

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

Test Step 1.26 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
TbarVelFiltSv M str.SV Uls f32	4.84894514	4.84894323 ± 0.00390625	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

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





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

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 1.28 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-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	<b>✓</b>





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	<b>✓</b>

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	~
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833313 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-2.51150656	-2.51151133 ± 0.00390625	~

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

Test Step 1.30 (Repeat Count = 1)		<b>✓</b>
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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

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

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Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value		
CRFMotorVel MtrRadpS T f32	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)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-333.619995	
HwTorque_HwNm_T_f32	-4.5	
PrevTbarAng_HwDeg_M_f32	-0.916999996	
TbarVelFiltSv_M_str.SV_Uls_f32	2.36969995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001	
VehicleSpeed_Kph_T_f32	10.0500002	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.7999992	
k_CmnTbarStiff_NmpDeg_f32	4.9000001	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.600000024	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	

DriverVelCalc



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	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.32455587 ± 0.00390625	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.34 (Repeat Count = 1)			<b>✓</b>
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	Result
DriverVelCalc()	402.516144	402.516144 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	1.05769229	1.05769229 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.91656208 ± 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 1.35 (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				<b>✓</b>
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

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

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

Test Step 1.37 (Repeat Count = 1)			· ·
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-555.809998		
HwTorque_HwNm_T_f32	-6.5		
PrevTbarAng_HwDeg_M_f32	-0.779999971		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.36899996		
TbarVelFiltSv_M_str.K_Uls_f32	0.478560001		
VehicleSpeed_Kph_T_f32	276.190002		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3000002		
k_CmnTbarStiff_NmpDeg_f32	8.30000019		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
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)	<b>✓</b>
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	666.859985

DriverVelCalc

PrevTbarAng\_HwDeg\_M\_f32 TbarVelFiltSv\_M\_str.SV\_Uls\_f32 2015-10-26, 11:02:33+0530



0.806451619 ± 0.00390625

-3.11539769 ± 0.00390625

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

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

0.806451619 -3.11539769

Test Step 1.39 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-666.710022
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-6.24900007
TbarVelFiltSv_M_str.SV_Uls_f32	-4.55109978
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444
VehicleSpeed_Kph_T_f32	254.520004
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2000008
k_CmnTbarStiff_NmpDeg_f32	1.20000005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64

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

Test Step 1.40 (Repeat Count = 1)			<b>✓</b>
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	0.30000012		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	39.8233643	39.8233604 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	3.86363626	3.86363626 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-1.30036688	-1.30036557 ± 0.00390625	~

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

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

DriverVelCalc

**Actual Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt

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Count Result

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

Test Step Call Trace			V
TbarVelFiltSv_M_str.SV_Uls_f32	-6.26811457	-6.26808786 ± 0.00390625	
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.36111116 ± 0.00390625	~
DriverVelCalc()	-93.6095047	-93.6094971 ± 0.00009	

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

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

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

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.43 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-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	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.10093604 ± 0.00390625	<b>~</b>

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

Test Step 1.44 (Repeat Count = 1)	Innut Value	
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	357.25	
HwTorque_HwNm_T_f32	1.56299996	
PrevTbarAng_HwDeg_M_f32	0.250999987	
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995	
TbarVelFiltSv_M_str.K_Uls_f32	0.0369799994	
VehicleSpeed_Kph_T_f32	222.419998	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	76.9000015	
k_CmnTbarStiff_NmpDeg_f32	6.19999981	
k InrtCmp MtrVel ScaleFactor Uls f32	0.800000012	

DriverVelCalc

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Name	Input Value
t_CmnVehSpd_Kph_u9p7[0]	6784
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

01		
38		
40		
Actual Value	Expected Value	Result
288.110321	288.110291 ± 0.0009	~
0.252096772	0.252096772 ± 0.00390625	•
5.50824165	5.50824165 ± 0.00390625	~
	38 40 <b>Actual Value</b> 288.110321 0.252096772	38 40  Actual Value

Test Step 1.45 (Repeat Count = 1)	Invest Wales		
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-464.25		
HwTorque_HwNm_T_f32	-2.64499998		
PrevTbarAng_HwDeg_M_f32	-0.352499992		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.14230013		
TbarVelFiltSv_M_str.K_Uls_f32	0.024588		
VehicleSpeed_Kph_T_f32	111.519997		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5		
k_CmnTbarStiff_NmpDeg_f32	7.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-326.341705	-326.341705 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666676 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-5.01791048	-5.01791 ± 0.00390625	•

DriverVelCalc

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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



#### **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\utp\contract\Ap_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/Descripti	
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 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".
	***************************************

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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
```

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

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

FrqDepDmpnInrtCmp\_Per1

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Name	Input Value
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019
Prev2SclDrvVel_RadpS_M_f32	-12917.2998
PrevTbarAng_HwDeg_M_f32	-20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	1
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-006 -
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	0 0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	16 16
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][2] 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_FreqTbIYM_Hz_u12p4[1][6]	16
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	16
t2 FDD FreqTblYM Hz u12p4[1][8]	16
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16
t_CmnVehSpd_Kph_u9p7[0]	0
t_CmnVehSpd_Kph_u9p7[1]	0
t_CmnVehSpd_Kph_u9p7[2]	0
t_CmnVehSpd_Kph_u9p7[3]	0
t_CmnVehSpd_Kph_u9p7[4]	0
t_CmnVehSpd_Kph_u9p7[5]	0
t_CmnVehSpd_Kph_u9p7[6]	0
t_CmnVehSpd_Kph_u9p7[7]	0
t_CmnVehSpd_Kph_u9p7[8]	0
t_CmnVehSpd_Kph_u9p7[9]	0
t_CmnVehSpd_Kph_u9p7[10]	0
t_CmnVehSpd_Kph_u9p7[11]	0
t_DmpADDCoefX_MtrNm_u4p12[0]	0
t_DmpADDCoefX_MtrNm_u4p12[1]	0
t_DmpADDCoefX_MtrNm_u4p12[2]	0

FrqDepDmpnInrtCmp\_Per1

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гідоеропірпіпіtСпір_гегі	
Name	Input Value
_DmpADDCoefX_MtrNm_u4p12[3]	0
_DmpADDCoefX_MtrNm_u4p12[4]	0
_DmpADDCoefX_MtrNm_u4p12[5]	0
_DmpADDCoefX_MtrNm_u4p12[6]	0
DmpADDCoefX_MtrNm_u4p12[7]	0
DmpADDCoefX_MtrNm_u4p12[8]	0
DmpADDCoefX_MtrNm_u4p12[9]	0
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0
DmpDecelGainSlewX MtrRadpS u11p5[2]	0
_bmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
	0
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
DmpDecelGainSlewY_UlspS_u13p3[0]	8
_DmpDecelGainSlewY_UlspS_u13p3[1]	8
DmpDecelGainSlewY_UlspS_u13p3[2]	8
_DmpDecelGainSlewY_UlspS_u13p3[3]	8
_DmpDecelGainSlewY_UlspS_u13p3[4]	8
_DmpDecelGainSlewY_UlspS_u13p3[5]	8
DmpFiltKpWIRBIndY_Uls_u2p14[0]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0
DmpFiltKpWIRBIndY_Uls_u2p14[2]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0
FDD_AttenTblX_MtrRadpS_u12p4[0]	0
_FDD_AttenTblX_MtrRadpS_u12p4[1]	0
_FDD_AttenTblY_Uls_u8p8[0]	0
FDD AttenTblY Uls u8p8[1]	0
FDD BlendTblY Uls u8p8[0]	0
_FDD_BlendTblY_Uls_u8p8[1]	0
_FDD_BlendTblY_Uls_u8p8[2]	0
_FDD_BlendTblY_Uls_u8p8[3]	0
_FDD_BlendTblY_Uls_u8p8[4]	0
_FDD_BlendTblY_Uls_u8p8[5]	0
_FDD_BlendTblY_Uls_u8p8[6]	0
_FDD_BlendTblY_Uls_u8p8[7]	0
_FDD_BlendTblY_Uls_u8p8[8]	0
FDD_BlendTblY_Uls_u8p8[9]	0
FDD_BlendTblY_Uls_u8p8[10]	0
_FDD_BlendTbIY_Uls_u8p8[11]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0
Intromp_ScaleFactorTblY_Uls_u9p7[11]	0
Intromp_ScaleFactorTbiY_Uis_u9p7[11] IntrOmp_TBarVel_ScaleFactorTbiY_Uis_u9p7[0]	0
IntCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0

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Name	Input Value		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t RIAstWIRBIndTblY Uls u2p14[1]	0		
t RIAstWIRBIndTblY Uls u2p14[2]	0		
t RIAstWIRBIndTblY Uls u2p14[3]	0		
t RIAstWIRBIndTbIY UIs u2p14[4]	0		
t WIRBIndTblX MtrNm u8p8[0]	0		
t WIRBIndTblX MtrNm u8p8[1]	0		
t WIRBIndTblX MtrNm u8p8[2]	0		
t WIRBIndTbIX MtrNm u8p8[3]	0		
t_WIRBIndTblX_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		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmc$	Cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSinrtCmp\_Per1\_FreqDepDmpSinrtCmp\_Per1\_FreqDepDmpSinrtCmp\_Per1\_FreqDepDmpNInrtCmpD$	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw1$	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccessing to the property of the property$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	d I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBlackers and the property of the property $	B tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32		
Name	Actual Value	Expected Value	Result

tgt_Rte_inst_Ap_FrqDepDmpninrtCmp.FrqDepDmpninrtCmp_Per1_WIRCmdAmpi	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBind_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.79862785 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-12917.2998	-12917.2998 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6.65832758	-6.65832758 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-0	0 ± 0.00048828125	<b>✓</b>

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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_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

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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

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FrqDepDmpnInrtCmp_Per1		Razorcat
Name	Input Value	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000 4000	
t_DmpDecelGainSlewY_UlspS_u13p3[5] t_DmpFiltKpWlRBIndY_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_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554 6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600	
t_FDD_AtterTbiX_MtrRadpS_u12p4[0] t_FDD_AttenTbiX_MtrRadpS_u12p4[1]	17600	
t_FDD_AttenTblY_Uls_u8p8[0]	256	
t_FDD_AttenTblY_Uis_u8p8[1]	256	
t FDD BlendTblY Uls u8p8[0]	256	
t_FDD_BlendTblY_Uls_u8p8[1]	256	
t_FDD_BlendTblY_Uls_u8p8[2]	256	
t_FDD_BlendTblY_Uls_u8p8[3]	256	
t_FDD_BlendTblY_Uls_u8p8[4]	256	
t_FDD_BlendTblY_Uls_u8p8[5]	256	
t_FDD_BlendTblY_Uls_u8p8[6]	256	
t_FDD_BlendTblY_Uls_u8p8[7]	256	
t_FDD_BlendTblY_Uls_u8p8[8]	256	
t_FDD_BlendTblY_Uls_u8p8[9]	256	
t_FDD_BlendTblY_Uls_u8p8[10]	256 256	
t_FDD_BlendTblY_Uls_u8p8[11] 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	
	384	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128 128	
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4] t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[5]	128	
t_InitCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384	
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048	
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048	
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048	
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048 2048	
t_WIRBIndTbIX_MtrNm_u8p8[4]  lgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019	
tot FrgDepDmpnInrtCmp_Fe1_BaseAssistCmd_inttNin_i32.value	1118	

1118

 $\label{total_problem} $$ tgt_rqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value $$ tgt_rqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value $$ tgt_rqDepDmpSrlComSvcDft_Cnt_lgc.value $$ tgt$ 

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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		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmc$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	md_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUppDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst_RepUppDmpn$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	l_MtrRadpS_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp \ \ Per1 \ \ FreqDepDmpSi$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmp	oSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnIn$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	nInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw1000000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_H	lwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	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_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	oBlnd_MtrNm_f32	
Nome	Actual Value	Expected Value	Dogult

20	3- 1 1 1 1 1- 1- 1		
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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	<b>✓</b>
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	<b>✓</b>

Test Step 2.3 (Repeat Count = 1)	<b>✓</b>
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	7.9999998e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.899999976
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1364

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Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046 2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[0][8]	128 144
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160
t2_FDD_FreqTbIYM_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_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144 160
t2 FDD FreqTblYM Hz u12p4[1][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896 1024
t_CmnVehSpd_Kph_u9p7[7] t CmnVehSpd Kph u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	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 6554
t_DmpADDCoefX_MtrNm_u4p12[5] t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t DmpADDCoefX MtrNm u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712
t_DmpDecelGainSlewY_UlspS_u13p3[0] t DmpDecelGainSlewY_UlspS_u13p3[1]	408 416
t_DmpDecelGainSlewY_UlspS_u13p3[1] t_DmpDecelGainSlewY_UlspS_u13p3[2]	416
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1553 2068
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FrqDepDmpnInrtCmp\_Per1

Trqsepsinpinintenip_rerr		
Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t FDD BlendTblY Uls u8p8[1]	5	
t_FDD_BlendTbIY_UIs_u8p8[2]	8	
t_FDD_BlendTbIY_Uls_u8p8[3]	10	
t_FDD_BlendTblY_Uls_u8p8[4]	13	
t_FDD_BlendTblY_Uls_u8p8[5]	15	
	18	
t_FDD_BlendTblY_Uls_u8p8[6]		
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_ScaleFactorTbIY_Uls_u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1	
	3	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	1638	
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_Uis_u2p14[4]	8192	
t WirbindTbix MtrNm u8p8[0]	282	
t_WirkBindTbiX_MitNin_uopo[u] t_WirkBindTbiX_MtrNm_u8p8[1]	307	
t_WIRBIndTbIX_MtrNm_u8p8[2]	333	
t_WIRBIndTblX_MtrNm_u8p8[3]	358	
t_WIRBIndTbIX_MtrNm_u8p8[4]	384	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	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_BaseAssistCm		lm_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 tet_Bts_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Rer1_HwTerque_Hw		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcc		
(at Mte Inst An Ergland Important Cmn ErgDanDmonlart Cmn Darf Vehicle Speed	! tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f3	
	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_Mt	trNm_f32
tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE  Name		trNm_f32 red Value Resu

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

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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	Rte Call FrqDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	<b>✓</b>

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125589.211
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002
Prev1SclDrvVel RadpS M f32	-445.299988
Prev2PreAttnComp MtrNm M f32	-6.80000019
Prev2SclDrvVel_RadpS_M_f32	-220.300003
PrevTbarAng HwDeg M f32	4.33900023
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
k_CmnTbarStiff_NmpDeg_f32	2.2999995
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_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

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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]		

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FrqDepDmpnInrtCmp\_Per1

TrqDepDinpnintCinp_rerr			
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	538		
t_WIRBIndTblX_MtrNm_u8p8[1]	563 589		
t_WIRBIndTblX_MtrNm_u8p8[2]	614		
t_WIRBIndTbIX_MtrNm_u8p8[3] 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_BaseAssistCmg		Cmd MtrNm f32	
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	0_ 1 1 1 1 _		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	· - · · · · - · - · -	_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	rtosuit
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.156 ± 0.9	
Prev1ScIDrvVel RadpS M f32	-480.309448	-480.309448 ± 0.00390625	
Prev2PreAttnComp MtrNm M f32	-1.10000002	-1.10000002 ± 0.00048828125	
Prev2ScIDrvVel_RadpS_M_f32	-445.299988	-445.299988 ± 0.00390625	
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826 ± 0.00390625	·
TbarVelFiltSv_M_str.SV_UIs_f32	-0.865101695	-0.865065217 ± 0.00390625	

0

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

0 ± 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	<b>✓</b>

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125691.188
Prev1PreAttnComp_MtrNm_M_f32	2.20000005
Prev1SclDrvVel_RadpS_M_f32	292.600006
Prev2PreAttnComp_MtrNm_M_f32	6.80000019
Prev2SclDrvVel_RadpS_M_f32	105.099998
PrevTbarAng_HwDeg_M_f32	-0.00100000005
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5
TbarVelFiltSv_M_str.K_Uls_f32	0.358740002
k_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2000008
k_CmnTbarStiff_NmpDeg_f32	3.5
k_DmpDecelGainFSlew_UlspS_f32	100.019997
k_DmpDecelGain_Uls_f32	4.5
k_DmpGainOffThresh_KphpS_f32	22.1000004
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-005
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.69999988
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	3614
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9]	5159
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1695
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64 80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	
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

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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	

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Name	Input Value		
t InrtCmp ScaleFactorTblY Uls u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t InrtCmp ScaleFactorTblY Uls u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t InrtCmp ScaleFactorTblY Uls u9p7[5]	102		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	179		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	33		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	42		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	44		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	45		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t RIAstWIRBIndTbIY Uls u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	7.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	500.399994		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt FrgDepDmpnInrtCmp Per1 HwTorque HwNm f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0100002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	300.049988		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.20000005		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		1 BaseAssistCmd MtrNm f32	
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 FrgDepDmpn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	125690.984	125690.984 ± 0.0625	Nesun
Providero Atta Comp. MtrNm. M. 123	222922.052	123090.964 ± 0.0023	

32 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 1 1 1 1 1 1 1		
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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.600006 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252006 ± 0.00390625	✓
tot FrgDenDmnnInrtCmn Per1 FrgDenDmnnInrtCmn MtrNm f32 value	8 8000019	8 80000019 + 0 00048828125	<b>✓</b>



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

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- гідоеротрініністір_Регі	•	al Citato
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]	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]	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]	5792	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
	1232	
	1240	
	1248	
: DmpFiltKpWIRBIndY Uls u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1800	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	2093	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	2387	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
_FDD_AttenTblY_Uls_u8p8[0]	116	
_FDD_AttenTblY_Uls_u8p8[1]	118	
FDD_BlendTblY_Uls_u8p8[0]	13	
FDD_BlendTblY_Uls_u8p8[1]	15	
FDD_BlendTblY_Uls_u8p8[2]	18	
FDD_BlendTblY_Uls_u8p8[3]	20	
_FDD_BlendTblY_Uls_u8p8[4]	23	
_FDD_BlendTblY_Uls_u8p8[5]	26	
_FDD_BlendTblY_Uls_u8p8[6]	28	
_FDD_BlendTblY_Uls_u8p8[7]	31	
_FDD_BlendTblY_Uls_u8p8[8]	33	
_FDD_BlendTblY_Uls_u8p8[9]	36	
_FDD_BlendTblY_Uls_u8p8[10]	38	
_FDD_BlendTblY_Uls_u8p8[11]	41	

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Name	Input Value		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
: InrtCmp ScaleFactorTblY UIs u9p7[1]	64		
InrtCmp ScaleFactorTblY Uls u9p7[2]	77		
InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
InrtCmp ScaleFactorTblY Uls u9p7[4]	102		
InrtCmp ScaleFactorTblY Uls u9p7[5]	115		
	128		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	46		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	50		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	56		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	58		
_inrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
RIAstWIRBIndTblY Uls u2p14[0]	6554		
_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
_NIAStWINDHINGTONT_OIS_02P14[4] _WIRBINGTDIX_MtrNm_u8p8[0]	1050		
WIRBINGTBIX_MITNIT_GODO[0] WIRBINGTBIX_MITNIT_GODO[0]	1075		
_WIRBINGTBIX_MINIT_dop8[1] _WIRBINGTBIX_MtrNm_u8p8[2]	1101		
	1126		
_WIRBIndTbIX_MtrNm_u8p8[3]	1152		
_WIRBINGTBIX_MtrNm_u8p8[4]	-7.0999999		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value			
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-500.5 1		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-5.19999981		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.0200005		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.059998		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.0999999	December 1 March 1990	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssi			
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMoto			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDi			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLc			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmd			
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	125792.758	125792.758 ± 0.0625	

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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610382 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.300003 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.15555561 ± 0.00390625	<b>✓</b>
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	<b>✓</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
DriverVelCalc	1	DriverVelCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_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

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FrqDepDmpnInrtCmp_Per1		Razorcat
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520 12800	
t_CmnVehSpd_Kph_u9p7[8]	14080	
t_CmnVehSpd_Kph_u9p7[9]	15360	
t_CmnVehSpd_Kph_u9p7[10]		
t_CmnVehSpd_Kph_u9p7[11] t DmpADDCoefX MtrNm u4p12[0]	16640 20890	
t_DmpADDCoefX_MtrNm_u4p12[u]  t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoetX_MtrNm_u4p12[1] t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t_DmpADDCoefX_MtrNm_u4p12[3]	22118	
t_DmpADDCoetX_MtrNm_u4p12[3]	22528	
t_DmpADDCoefX_MtrNm_u4p12[5]	22938	
t_DmpADDCoefX_MtrNm_u4p12[6]	23347	
t_DmpADDCoefX_MtrNm_u4p12[7]	23757	
t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	144	
t_FDD_AttenTblY_Uls_u8p8[1]	146	
t_FDD_BlendTblY_Uls_u8p8[0]	15	
t_FDD_BlendTblY_Uls_u8p8[1]	18	
t_FDD_BlendTblY_Uls_u8p8[2]	20	
t_FDD_BlendTblY_Uls_u8p8[3]	23	
t_FDD_BlendTblY_Uls_u8p8[4]	26	
t_FDD_BlendTblY_Uls_u8p8[5]	28	
t_FDD_BlendTblY_Uls_u8p8[6]	31	
t_FDD_BlendTblY_Uls_u8p8[7]	33	
t_FDD_BlendTblY_Uls_u8p8[8]	36	
t_FDD_BlendTblY_Uls_u8p8[9]	38	
t_FDD_BlendTblY_Uls_u8p8[10]	41	
t_FDD_BlendTblY_Uls_u8p8[11]	44	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[8]	72		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTblX_MtrNm_u8p8[0]	1306		
t_WIRBIndTblX_MtrNm_u8p8[1]	1331		
t WIRBIndTblX 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_Igc.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		
	5.19999981		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC		and MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_F			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		I amount of the second of the	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	125894.531	125894.531 ± 0.0625	•

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125894.531	125894.531 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430 ± 99.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.182892 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.29999995 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.30005 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	1.01923084	1.01923072 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.63173914 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	<b>✓</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
DriverVelCalc	1	DriverVelCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125997.109
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995
Prev1SclDrvVel_RadpS_M_f32	-4021.30005
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2SclDrvVel_RadpS_M_f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992
k_CmnTbarStiff_NmpDeg_f32	6.19999981
k_DmpDecelGainFSlew_UlspS_f32	400.049988
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6000004
k_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-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

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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 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 28 t FDD BlendTblY Uls u8p8[4] 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 41  $t\_FDD\_BlendTblY\_Uls\_u8p8[9]$ 

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t\_FDD\_BlendTblY\_Uls\_u8p8[10]

t\_FDD\_BlendTblY\_Uls\_u8p8[11]

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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_RIAstWIRBIndTbIY_UIs_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_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			
Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	125996 313	125996 313 ± 0 0625	

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.313 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653 ± 9.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8 80000019 + 0 00048828125	<b>✓</b>



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	<b>~</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	<b>~</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	•	
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

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FrqDepDmpnInrtCmp_Per1	MAC	TOSI
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]	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]	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[1]	30656	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]		
	30688 30720	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	384	
_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
_DmpDecelGainSlewY_UlspS_u13p3[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]	1608	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032	
FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	2455	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419	
FDD_AttenTblX_MtrRadpS_u12p4[0]	768	
FDD_AttenTblX_MtrRadpS_u12p4[1]	800	
FDD_AttenTblY_Uls_u8p8[0]	218	
FDD_AttenTblY_Uls_u8p8[1]	220	
FDD_BlendTblY_Uls_u8p8[0]	20	
FDD_BlendTbIY_Uls_u8p8[1]	23	
FDD_BlendTblY_Uls_u8p8[2]	26	
FDD_BlendTblY_Uls_u8p8[3]	28	
FDD_BlendTblY_Uls_u8p8[4]	31	
FDD_BlendTblY_Uls_u8p8[5]	33	
FDD_BlendTblY_Uls_u8p8[6]	36	
	38	
FDD_BlendTblY_Uls_u8p8[8]	41	
FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[9]	44	
_FDD_BlendTblY_Uls_u8p8[10]	46	
_FDD_BlendTblY_Uls_u8p8[11]	49	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
: InrtCmp ScaleFactorTblY Uls u9p7[1]	192		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
InrtCmp ScaleFactorTblY UIs u9p7[4]	230		
InrtCmp ScaleFactorTblY Uls u9p7[5]	243		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
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		
	97		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
	100		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	101		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	102		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	104		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106		
RIAstWIRBIndTbiY Uls u2p14[0]	3277		
:_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
WIRBIndTblX_MtrNm_u8p8[0]	1766		
WIRBIndTblX MtrNm u8p8[1]	1792		
_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.19999981		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.02999997		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.0499992		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.080002		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.0999999		
gt_riqbepbinipinintonip_reir_winonibanipbinid_within_isz.value gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr		Cmd MtrNm f32	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
gt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
gt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn gt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_nwTorque_n gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc		_	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			Б
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	126098.086	126098.086 ± 0.0625	

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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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	340.747711	340.747681 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	1234.19995	1234.19995 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.137333333	-0.137333333 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	6.04672861	6.04672861 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8 80000019 ± 0 00048828125	<b>✓</b>



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	<b>✓</b>	

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

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FrqDepDmpnInrtCmp_Per1		CILAL
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]	10368	
CmnVehSpd Kph u9p7[1]	10496	
_CmnVehSpd_Kph_u9p7[2]	10624	
CmnVehSpd Kph u9p7[3]	10752	
_CmnVehSpd_Kph_u9p7[4]	10880	
CmnVehSpd_Kph_u9p7[5]	11008	
CmnVehSpd_Kph_u9p7[6]	11136	
CmnVehSpd_Kph_u9p7[7]	11264	
CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
DmpADDCoefX_MtrNm_u4p12[0]	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]	27264	
DmpDecelGainSlewX MtrRadpS u11p5[1]	27296	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
	27392	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]		
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
_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]	1789	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	3493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
	4515	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]  FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	4856	
FDD_AttenTblX_MtrRadpS_u12p4[0]	784	
FDD_AttenTblX_MtrRadpS_u12p4[1]	880	
FDD_AttenTblY_Uls_u8p8[0]	63	
FDD_AttenTblY_Uls_u8p8[1]	66	
FDD_BlendTblY_Uls_u8p8[0]	49	
FDD_BlendTbIY_Uls_u8p8[1]	51	
FDD_BlendTbIY_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	
FDD_BlendTblY_Uls_u8p8[8]	71	
FDD_BlendTblY_Uls_u8p8[9]	74	
	74	
_FDD_BlendTblY_Uls_u8p8[10]		
_FDD_BlendTblY_Uls_u8p8[11]	80	

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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 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_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 MtrNm u8p8[4]	512		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.089996		
tgt FrgDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	7.0999999		
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_ түрсрыпришкотр. түрсрыпришкотр_ ст _wirtonidAmpb Name	Actual Value	<u> </u>	Result
Hame	Actual Value	Expected Value	Result

20			
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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.200012 ± 0.00390625	<b>~</b>
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090906 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.29165506 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	<b>✓</b>		
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~		
DecelGain	1	DecelGain	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
DriverVelCalc	1	DriverVelCalc	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
FilterCoefCalc	1	FilterCoefCalc	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~		
GenFddlcCmd	1	GenFddlcCmd	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~		

Test Step 2.11 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PreDecelGain Uls M f32	126303.031
Prev1PreAttnComp MtrNm M f32	5.5
Prev1ScIDrvVel RadpS M f32	6789
Prev2PreAttnComp MtrNm M f32	1.70000005
Prev2ScIDrvVel_RadpS_M_f32	5322.2002
PrevTbarAng_HwDeg_M_f32	-0.26899994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.19999981
TbarVelFiltSv_M_str.K_UIs_f32	0.0369799994
k CmnSysKinRatio MtrDegpHwDeg f32	90.0199966
k CmnTbarStiff NmpDeg f32	9.6000038
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_UIs_f32	0.100000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	4148
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248	
2 FDD FreqTblYM Hz u12p4[1][8]	1264	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
2_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	
CmnVehSpd_Kph_u9p7[4]	5760	
	5888	
t_CmnVehSpd_Kph_u9p7[5]		
t_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	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624	
	14656	
	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	
_ , , ,	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]		
_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
_FDD_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]	944	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	960	
	78	
_FDD_AttenTblY_Uls_u8p8[1]	80	
	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	
	78	
_FDD_BlendTblY_Uls_u8p8[5]		
_FDD_BlendTblY_Uls_u8p8[6]	80	
_FDD_BlendTblY_Uls_u8p8[7]	83	
_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	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.0999999		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5999999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.10000002		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssiste	Cmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_FreqDepDmpnInrtCmp\_Per1\_$	Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hrough                                    $	vt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
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 I IIa M #22	136301 633	126201 622 + 0.0625	

20			
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.2495117 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833343 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.9738059 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	8 80000019	8 80000019 + 0 00048828125	<b>✓</b>



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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_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_FreqTblYM_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][11]	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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Namo	Innut Value	
Name  2 FDD FreqTbIYM Hz u12p4[1][4]	Input Value	
.z_FDD_FreqTbIYM_Hz_u12p4[1][4] :2_FDD_FreqTbIYM_Hz_u12p4[1][5]	240 256	
z_FDD_FreqTbiYM_Hz_u12p4[1][6] 2_FDD_FreqTbiYM_Hz_u12p4[1][6]	272	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
2_FDD_FreqTblYM_Hz_u12p4[1][7] 2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	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	
_CmnVehSpd_Kph_u9p7[5]	4608	
_CmnVehSpd_Kph_u9p7[6]	4736	
_CmnVehSpd_Kph_u9p7[7]	4864	
_CmnVehSpd_Kph_u9p7[8]	4992	
_CmnVehSpd_Kph_u9p7[9]	5120	
_CmnVehSpd_Kph_u9p7[10]	5248	
_CmnVehSpd_Kph_u9p7[11]	5376	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_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_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1008	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1040	
FDD_AttenTblY_Uls_u8p8[0]	106	
FDD_AttenTblY_Uls_u8p8[1]	109	
FDD_BlendTblY_Uls_u8p8[0]	93	
FDD_BlendTblY_Uls_u8p8[1]	96	
FDD_BlendTblY_Uls_u8p8[2]	99	
FDD_BlendTblY_Uls_u8p8[3]	101	
FDD_BlendTblY_Uls_u8p8[4]	104	
FDD_BlendTblY_Uls_u8p8[5]	106	
_FDD_BlendTblY_Uls_u8p8[6]	109	
_FDD_BlendTblY_Uls_u8p8[7]	111	
_FDD_BlendTblY_Uls_u8p8[8]	114	
_FDD_BlendTblY_Uls_u8p8[9]	116	
_FDD_BlendTblY_Uls_u8p8[10]	119	
o.o_aopo[10]	1.10	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	42		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	44		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	45		
t RIAstWIRBIndTblY Uls u2p14[0]	8192		
t 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]	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	-3.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	350.299988		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.70000005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	22.0300007		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.029999		
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	2.20000005		
tgt Rte 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_FrqDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			
			Basil
Name	Actual Value	Expected Value	Result

a			
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	<b>✓</b>



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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126506.984
Prev1PreAttnComp_MtrNm_M_f32	6.5999999
Prev1SclDrvVel_RadpS_M_f32	26.0200005
Prev2PreAttnComp_MtrNm_M_f32	8.30000019
Prev2SclDrvVel_RadpS_M_f32	17.2000008
PrevTbarAng_HwDeg_M_f32	-1.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0214499999
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.1299992
k_CmnTbarStiff_NmpDeg_f32	2.5
k_DmpDecelGainFSlew_UlspS_f32	900.030029
k_DmpDecelGain_Uls_f32	1.10000002
k_DmpGainOffThresh_KphpS_f32	40.2000008
k_DmpGainOnThresh_KphpS_f32	45.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288
t2_FDD_FreqTbIYM_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

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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 FregTblYM 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	
	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	
_DmpDecelGainGlewY_UlspS_u13p3[0]	448	
_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
DmpDecelGainSlewY UlspS u13p3[2]	464	
	472	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1088	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1120	
FDD_AttenTblY_Uls_u8p8[0]	129	
FDD_AttenTblY_Uls_u8p8[1]	131	
	116	
FDD_BlendTblY_Uls_u8p8[0]  EDD_BlendTblY_Uls_u8p8[1]		
FDD_BlendTblY_Uls_u8p8[1]	118	
_FDD_BlendTblY_Uls_u8p8[2]	121	
_FDD_BlendTblY_Uls_u8p8[3]	123	
_FDD_BlendTbIY_Uls_u8p8[4]	126	
_FDD_BlendTbIY_Uls_u8p8[5]	129	
FDD_BlendTblY_Uls_u8p8[6]	131	
_FDD_BlendTblY_Uls_u8p8[7]	134	
FDD_BlendTblY_Uls_u8p8[8]	136	
FDD_BlendTblY_Uls_u8p8[9]	139	
FDD_BlendTblY_Uls_u8p8[10]	141	
	1	

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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_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTblY_UIs_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	3.29999995		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr		BaseAssistCmd 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	Resul
PreDecelGain_Uls_M_f32	126505.188	126505.188 ± 0.0625	Nesul
Providero Atto Comp. MttNm. M. 522	101000	120000.100 ± 0.0020	

20	h =   .3		
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	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.5999999 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.0200005 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.51999998 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.10051489 ± 0.00390625	~
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	<b>~</b>
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126608.961
Prev1PreAttnComp_MtrNm_M_f32	-6.5999999
Prev1ScIDrvVel 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	47.599985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9900001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	2130
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	3834
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_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_FreqTblYM_Hz_u12p4[0][0]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
	672
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 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

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Jama	Innut Value	
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128 144	
2_FDD_FreqTbIYM_Hz_u12p4[1][5] 2_FDD_FreqTbIYM_Hz_u12p4[1][6]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][0] 2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2_FDD_freqTblYM_Hz_u12p4[1][7]	192	
z_FDD_FreqTbIYM_Hz_u12p4[1][9]	208	
z_FDD_FreqTblYM_Hz_u12p4[1][9] 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	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
_CmnVehSpd_Kph_u9p7[9]	14080	
CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd Kph u9p7[11]	16640	
DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCcetX_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]	3264	
DmpDecelGainSlewX MtrRadpS u11p5[1]	3296	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328	
DmpDecelGainSlewX MtrRadpS u11p5[3]	3360	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424	
_DmpDecelGainSlewY_UlspS_u13p3[0]	680	
_DmpDecelGainSlewY_UlspS_u13p3[1]	688	
_DmpDecelGainSlewY_UlspS_u13p3[2]	696	
_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
_DmpDecelGainSlewY_UlspS_u13p3[4]	712	
_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
DmpFiltKpWIRBIndY Uls u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924	
FDD ADDStaticTolY_MtrNmpRadpS_um1p17[2]  FDD ADDStaticTblY MtrNmpRadpS_um1p17[3]	1034	
_FDD_ADDStaticTbH_MitNinpRadpS_um1p17[3] _FDD_ADDStaticTbHY_MtrNmpRadpS_um1p17[4]	1144	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1254	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
_FDD_ADDStaticTbH_MitrNmpRadpS_um1p17[7]	1585	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1200	
_FDD_AttenTblY_Uls_u8p8[0]	157	
FDD_AttenTblY_Uls_u8p8[1]	161	
_FDD_BlendTblY_Uls_u8p8[0]	144	
FDD_BlendTblY_Uls_u8p8[1]	146	
FDD_BlendTblY_Uls_u8p8[2]	149	
FDD_BlendTbIY_Uls_u8p8[3]	152	
_FDD_BlendTblY_Uls_u8p8[4]	154	
_FDD_BlendTblY_Uls_u8p8[5]	157	
_FDD_BlendTbIY_Uls_u8p8[6]	159	
_FDD_BlendTblY_Uls_u8p8[7]	162	
_FDD_BlendTblY_Uls_u8p8[8]	164	
_FDD_BlendTblY_Uls_u8p8[9]	167	
	107	
_FDD_BlendTblY_Uls_u8p8[10]	169	

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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_UIs_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_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.80000019		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	300.600006		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	4.0999999		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-11.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	170.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.4000001		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCn	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp_Per1\_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_Per1\_FreqDepDmpnInrtCmp_FreqDepDmpnInrtCmp_FreqDepDmpnInrt$	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_FrqDepDm$	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HvDepDmpnInrtCmp\_Per1\_HwTorque\_H$	vt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	126606.961	126606.961 ± 0.0625	
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(g, tonot_, tp_, rqpopp.np.n.n.tomp.n rqpopp.np.n.n.tomp_, or r_, rn.toma.n	ps. tgt_r rqs opsptop_r	0	
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.508514 ± 0.00390625	<b>✓</b>
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	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	<b>✓</b>



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	<b>~</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	<b>~</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
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 45 (D-9-4 0-994 - 4)	
Test Step 2.15 (Repeat Count = 1)	<b>V</b>
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_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	
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_FreqTbIYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96
t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	128

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][4] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 208 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 224 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 240  $t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11]$ 256 t\_CmnVehSpd\_Kph\_u9p7[0] 6784 t\_CmnVehSpd\_Kph\_u9p7[1] 6912 t\_CmnVehSpd\_Kph\_u9p7[2] 7040 t\_CmnVehSpd\_Kph\_u9p7[3] 7168 7296 t\_CmnVehSpd\_Kph\_u9p7[4] 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 8192 t CmnVehSpd Kph u9p7[11] t\_DmpADDCoefX\_MtrNm\_u4p12[0] 8602 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 9011 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 9421 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 9830 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 10240 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 10650 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 11059 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 11469 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 11878 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 12288 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 3776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 3808 t DmpDecelGainSlewX MtrRadpS u11p5[2] 3840 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 3872 3904 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 3936 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1536 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 1544 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1552 t DmpDecelGainSlewY UlspS\_u13p3[3] 1560 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1568 t DmpDecelGainSlewY\_UlspS\_u13p3[5] 1576 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0] 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 6554  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]$ 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 9830  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4]$ 11469 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[0] 885 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 986 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 1087 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1188 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 1288 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 1389 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 1490 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 1591 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 1692 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 1793 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1232 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 1280 t\_FDD\_AttenTblY\_Uls\_u8p8[0] 183 t\_FDD\_AttenTblY\_Uls\_u8p8[1] 185 t FDD BlendTblY Uls u8p8[0] 172 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 174 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 176 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 178

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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]

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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		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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 BaseAssi	stCmc tgt_FrqDepDmpnInrtCmp_Per1_I	BaseAssistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMoto	rVel I tgt_FrqDepDmpnInrtCmp_Per1_0	CRFMotorVel_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_$	DmpSr tgt_FrqDepDmpnInrtCmp_Per1_I	FreqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDrp$	mpnIn tgt_FrqDepDmpnInrtCmp_Per1_I	FrqDepDmpnInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDep$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLorenter(Comp.FrqDepDmpnInrtCmp\_Per1\_Vehicle$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSp	peed_l tgt_FrqDepDmpnInrtCmp_Per1_\	VehicleSpeed_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmd/restriction (Compared to the Compared to the$			
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	126710.938	126710.938 ± 0.0625	,
	.==: :=:==	0.0020	

3	3- 1 1 1 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.0300007 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333337 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.05071735 ± 0.00390625	•
tot ErgDenDmonlortCmp Per1 ErgDenDmonlortCmp MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_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

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Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2 FDD FreqTblYM Hz u12p4[1][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1] t DmpADDCoefX MtrNm u4p12[2]	13107 13517
	13926
t_DmpADDCoefX_MtrNm_u4p12[3] t DmpADDCoefX_MtrNm_u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6]	15155
t_DmpADDCoefX_MtrNm_u4p12[7]	15565
t_DmpADDCoefX_MtrNm_u4p12[8]	15974
t_DmpADDCoefX_MtrNm_u4p12[9]	16384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506 1653
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4] t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1800
t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	1946
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360
t_FDD_AttenTblY_Uls_u8p8[0]	230
t_FDD_AttenTblY_Uls_u8p8[1]	232
t_FDD_BlendTblY_Uls_u8p8[0]	218
t_FDD_BlendTblY_Uls_u8p8[1]	220
t_FDD_BlendTblY_Uls_u8p8[2]	223
t_FDD_BlendTblY_Uls_u8p8[3]	225
t_FDD_BlendTblY_Uls_u8p8[4]	227
t_FDD_BlendTblY_Uls_u8p8[5]	230
t_FDD_BlendTblY_Uls_u8p8[6]	232
t_FDD_BlendTblY_Uls_u8p8[7]	234
t_FDD_BlendTblY_Uls_u8p8[8]	237
t_FDD_BlendTblY_Uls_u8p8[9]	239
t_FDD_BlendTblY_Uls_u8p8[10]	241
t_FDD_BlendTblY_Uls_u8p8[11]	243

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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 Uls u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t WIRBIndTbIX MtrNm u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbiX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-5.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.199997		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.30000019		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.0499992		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.6999981		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmo		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn			
tgt_Rte_inst_Ap_FrqDepDmpnInntCmp.FrqDepDmpnInntCmp_Fe11_FrqDepDmpni tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Hw10rque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tot_Pte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIPCmdAmpR			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			-
Name	Actual Value	Expected Value	Resu

	3- 1 1 1 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.906 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.719 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.8688354 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.69999981 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	1.14545453	1.14545453 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.05580378 ± 0.00390625	•
tot FroDenDmonlortCmp Per1 FroDenDmonlortCmp 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	<b>✓</b>

T+ 04 0.47 (D+ 0+	a a constant of the constant o
Test Step 2.17 (Repeat Count = 1)	<b>V</b>
Name	Input Value
PreDecelGain_Uls_M_f32	126914.883
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6000004
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2SclDrvVel_RadpS_M_f32	382.200012
PrevTbarAng_HwDeg_M_f32	-0.978999972
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.30000019
TbarVelFiltSv_M_str.K_Uls_f32	0.0963210016
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.1299973
k_CmnTbarStiff_NmpDeg_f32	6.5
k_DmpDecelGainFSlew_UlspS_f32	1300.06006
k_DmpDecelGain_Uls_f32	5.5999999
k_DmpGainOffThresh_KphpS_f32	12.1999998
k_DmpGainOnThresh_KphpS_f32	40.0999985
k_InrtCmp_MtrInertia_KgmSq_f32	0.000140000004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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
a_, 55_, 104, 51, 11_0 12p+[1][0]	

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гідоеротірпіністр_гегі	
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]	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]	16794
_DmpADDCoefX_MtrNm_u4p12[1]	17203
_DmpADDCoefX_MtrNm_u4p12[2]	17613
_DmpADDCoefX_MtrNm_u4p12[3]	18022
_DmpADDCoefX_MtrNm_u4p12[4]	18432
_DmpADDCoefX_MtrNm_u4p12[5]	18842
_DmpADDCoefX_MtrNm_u4p12[6]	19251
_DmpADDCoefX_MtrNm_u4p12[7]	19661
_DmpADDCoefX_MtrNm_u4p12[8]	20070
_DmpADDCoefX_MtrNm_u4p12[9]	20480
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608
_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
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1246
_FDD_ADDStaticTbIY_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
	10
_FDD_BlendTblY_Uls_u8p8[3]	
_FDD_BlendTblY_Uls_u8p8[4]	13
_FDD_BlendTblY_Uls_u8p8[5]	15
_FDD_BlendTblY_Uls_u8p8[6]	18
_FDD_BlendTblY_Uls_u8p8[7]	20
_FDD_BlendTblY_Uls_u8p8[8]	23
_FDD_BlendTblY_Uls_u8p8[9]	26
_FDD_BlendTblY_Uls_u8p8[10]	28

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7.1q50p5p			
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 Uls u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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 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 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	Resu
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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6000004 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615386 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.61538005 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8 80000019 ± 0 00048828125	<b>✓</b>



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	<b>~</b>
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
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

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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	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
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]	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]	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]	2408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
	2424	
_DmpDecelGainSlewY_UlspS_u13p3[2]		
_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	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_ADDStaticTbH_MithNinpRadpS_um1p17[7] FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1520	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1536	
FDD_AttenTblY_Uls_u8p8[0]	86	
FDD_AttenTblY_Uls_u8p8[1]	88	
FDD_BlendTbIY_Uls_u8p8[0]	5	
FDD_BlendTbIY_Uls_u8p8[1]	8	
FDD_BlendTbIY_Uls_u8p8[2]	10	
FDD_BlendTbIY_Uls_u8p8[3]	13	
FDD_BlendTblY_Uls_u8p8[4]	15	
FDD_BlendTblY_Uls_u8p8[5]	18	
FDD_BlendTblY_Uls_u8p8[6]	20	
FDD_BlendTblY_Uls_u8p8[7]	23	
	26	
FDD_BlendTblY_Uls_u8p8[8]		
_FDD_BlendTblY_Uls_u8p8[9]	28	
_FDD_BlendTblY_Uls_u8p8[10]	31	
_FDD_BlendTblY_Uls_u8p8[11]	33	

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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 RIAstWIRBIndTbIY UIs u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_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		
	1280		
t_WIRBIndTbIX_MtrNm_u8p8[4] tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.20000005		
	100.800003		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
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	4.5.4.1.10.1.11.11.11.11.11.11.11.11.11.11.11	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
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_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA		1_VehicleLonAccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed to the first of the firs$			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBI tgt_FrqDepDmpnInrtCmp_Per	1_WIRCmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	127014.063	127014.063 ± 0.0625	•

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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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	30.5068626	30.5068626 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-16.2000008	-16.2000008 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.69140744	1.69140804 ± 0.00390625	<b>✓</b>
tat FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	-8 80000019	-8 80000019 + 0 00048828125	<b>✓</b>



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

Input Value	
PreDecelGain_Uls_M_f32       127118.836         Prev1PreAttnComp_MtrNm_M_f32       2.5         Prev1ScIDrvVel_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         TbarVelFittSv_M_str.SV_Uls_f32       -1.60000002         TbarVelFittSv_M_str.K_Uls_f32       0.235599995	
Prev1PreAttnComp_MtrNm_M_f32       2.5         Prev1SclDrvVel_RadpS_M_f32       100.800003         Prev2PreAttnComp_MtrNm_M_f32       4.5         Prev2SclDrvVel_RadpS_M_f32       987.5         PrevTbarAng_HwDeg_M_f32       -0.893999994         Rte_Inst_Ap_FrqDepDmpnInrtCmp       tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp         TbarVelFittSv_M_str.SV_UIs_f32       -1.60000002         TbarVelFittSv_M_str.K_UIs_f32       0.235599995	
Prev1ScIDrvVel_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         TbarVelFittSv_M_str.SV_UIs_f32       -1.60000002         TbarVelFittSv_M_str.K_UIs_f32       0.235599995	
Prev2PreAttnComp_MtrNm_M_f32       4.5         Prev2SclDrvVel_RadpS_M_f32       987.5         PrevTbarAng_HwDeg_M_f32       -0.893999994         Rte_Inst_Ap_FrqDepDmpnInrtCmp       tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp         TbarVelFittSv_M_str.SV_Uls_f32       -1.60000002         TbarVelFittSv_M_str.K_Uls_f32       0.235599995	
Prev2ScIDrvVel_RadpS_M_f32         987.5           Prev7barAng_HwDeg_M_f32         -0.893999994           Rte_Inst_Ap_FrqDepDmpnInrtCmp         tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp           TbarVelFiltSv_M_str.SV_UIs_f32         -1.60000002           TbarVelFiltSv_M_str.K_UIs_f32         0.235599995	
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	
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	
TbarVelFiltSv_M_str.SV_Uls_f32         -1.60000002           TbarVelFiltSv_M_str.K_Uls_f32         0.235599995	
TbarVelFiltSv_M_str.K_Uls_f32         0.235599995	
k CmpSvsKinRatio MtrDegnHwDeg f32 88 1500015	
N_OHITO STAIN ALIO_INIT DOGP I IN DOG_102	
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	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 1144	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 1254	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6] 1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 1475	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8] 1585	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 1695	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] 2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] 3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] 4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159 t2_FDD_FreqTblYM_Hz_u12p4[0][0] 32	
, ,	
t2_FDD_FreqTblYM_Hz_u12p4[0][1] 48	
t2_FDD_FreqTblYM_Hz_u12p4[0][2] 64	
t2_FDD_FreqTblYM_Hz_u12p4[0][3] 80	
t2_FDD_FreqTblYM_Hz_u12p4[0][4] 96	
t2_FDD_FreqTblYM_Hz_u12p4[0][5] 112	
t2_FDD_FreqTblYM_Hz_u12p4[0][6] 128	
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 144	
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 160	
t2_FDD_FreqTblYM_Hz_u12p4[0][9] 176	
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 192	
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 208	
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 496	
t2_FDD_FreqTblYM_Hz_u12p4[1][1] 512	
12_FDD_FreqTbIYM_Hz_u12p4[1][2] 528	
t2_FDD_FreqTblYM_Hz_u12p4[1][3] 544	

FrqDepDmpnInrtCmp\_Per1

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	TUACITU
Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000 16128
t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t CmnVehSpd Kph u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384 392
t_DmpDecelGainSlewY_UlspS_u13p3[1] t DmpDecelGainSlewY UlspS u13p3[2]	400
t DmpDecelGainSlewY UlspS u13p3[3]	408
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424
t DmpFiltKpWIRBIndY Uls u2p14[0]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600
t_FDD_AttenTblY_Uls_u8p8[0]	114
t_FDD_AttenTblY_Uls_u8p8[1]	116 10
t_FDD_BlendTblY_Uls_u8p8[0]	10
t_FDD_BlendTblY_Uls_u8p8[1] 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]	20 23
t_FDD_BlendTblY_Uls_u8p8[6]	26
t_FDD_BlendTblY_Uls_u8p8[7]	28
=5.5a.s0.5_uopo[r]	
t FDD BlendTblY Uls u8p8f81	31
t_FDD_BlendTblY_Uls_u8p8[8] t FDD_BlendTblY_Uls_u8p8[9]	31 33
t_FDD_BlendTblY_Uls_u8p8[8] t_FDD_BlendTblY_Uls_u8p8[9] t_FDD_BlendTblY_Uls_u8p8[10]	31 33 36

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[2]	179		
_ :	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230 243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
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 BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis	tCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor	Vel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDn	npnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp			
Name	Actual Value	Expected Value	Resu
PreDecelGain Uls M f32	127115.836	127115.836 ± 0.0625	,

20	h- 13- 14- 14- 14- 11- 11- 11- 11- 11- 11- 11		
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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	100.800003	100.800003 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.894117653	-0.894117653 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-1.23690033	-1.23689878 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	~

Probection   1.5 M. 7.3	T4-04	
Probeosidan_Use_M_152 Prev15ch/Vel_Rab(5_M_152 Prev15ch/Vel_Rab(5_M_152) Prev15ch/Ve	Test Step 2.20 (Repeat Count = 1)	<b>V</b>
Provisition Ministry M. RE2 Rea Provisition Ministry M. Re2 Re2 Re2 Re2 Re2 Re2 Re2 Re3		
Prev158/DV-Ve_ReipS_M_152 Prev258-PMTONE_MRN M_152 Prev258-PMTONE_MRN M_152 Prev258-PMTONE_MRN M_152 Prev258-PMTONE_MRN M_152 Prev258-PMTONE_MRN M_152 Ric_Inst. Ap_FloDepDreprintCmp Upt_Ric_Inst. Ap_FloDepDreprintCmp Upt_Ric_I		
Prev28PathComp, MiNhm, M, 192   3.5		
PrevZBaDnVell RadpS M, 192 PrevZBaDnVell RadpS M, 192 Rie Linst Ap, FrqDepDmplintCmp UgLRie Linst UglRie Lins	_ :	
PievThankon_Hwiles   M. 182	Prev2PreAttnComp_MtrNm_M_f32	
Re_Inst.Ap_FrqDepDmpnIntCmp	Prev2SclDrvVel_RadpS_M_f32	-59.2000008
TravVerFittSy_M_str Sy_Uis_52	PrevTbarAng_HwDeg_M_f32	0.908999979
ThanVerliko, M. str. K. Us. 122	Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
k, CompSysionRatio, MinceptivOeg., 132 9.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	TbarVelFiltSv_M_str.SV_Uls_f32	1.20000005
k_ CmmPasSilf_MmpDeg_132 k_ DmpCescGainFisw_UlspS_f32 k_ IntrCmp_Mitricest_KphpS_f32 k_ IntrCmp_Mitricest	TbarVelFiltSv_M_str.K_Uls_f32	0.347900003
k_DmpBeacGain Siew_UspS_B2         1600.0303           k_DmpBeacGain UspS_B2         2.5999992           k_DmpCainOff Treath_KphpS_J32         22.2999992           k_DmpCainOff Treath_KphpS_J32         33.5           k_IntCmp_MirVel_ScaleFactor_Us_J32         0.000300000014           k_IntCmp_MirVel_ScaleFactor_Us_J32         0.100000001           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[0]         181           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[1]         328           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[1]         494           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[5]         994           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[6]         994           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[7]         1326           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[7]         1326           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(0)[8]         1493           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(1)[9]         1659           E_FDD_ADDRolling TbYM_MinhmpRadoS_um1p17(1)[1]         328           E_F	k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.1200027
K_DmpDecelGain_Uls_132         2.5999999           K_DmpGainOffTries_I_KphpS_132         22.9999992           K_IntChen_Mitthers_I_KphpS_132         33.5           K_IntChen_Mitthers_I_KghpS_132         0.000300000014           K_IntChen_Mitthers_KghpS_Les_122         0.00030000001           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[0]         161           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[1]         328           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[1]         494           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[4]         827           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[4]         827           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1160           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1160           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1160           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1160           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1160           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(0)[6]         1433           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(1)[6]         161           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(1)[6]         328           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(1)[6]         827           12_FDD_ADDRollingTbiYM_MitthinpRadpS_umip17(1)[6] </td <td>k_CmnTbarStiff_NmpDeg_f32</td> <td>9.5</td>	k_CmnTbarStiff_NmpDeg_f32	9.5
L DmpGainOffThresh_KphpS_f32         22 2999992           L DmpGainOffThresh_KphpS_f32         35.5           L InfrCmp_Mirresh_KgmS_f32         0.00030000014           L InfrCmp_Mirresh_KgmS_f32         0.100000001           L EDD_ADDRain[TabYM_MirrimPadapS_umip17[0][0]         161           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][2]         494           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][2]         494           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][3]         661           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][4]         827           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][6]         1160           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][7]         126           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][7]         126           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][7]         126           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[0][7]         169           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         1493           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         169           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         169           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         494           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         494           12_FDD_ADDRain[TabYM_MirrimPadapS_umip17[1][8]         494	k_DmpDecelGainFSlew_UlspS_f32	1600.03003
DimpGainOnThresh_Knphs_132   33.5   0.000300000014   0.0000001   0.0000001   0.00000000000	k_DmpDecelGain_Uls_f32	2.5999999
NinCmp_Mivrie_ScaleFactor_Us_522	k_DmpGainOffThresh_KphpS_f32	22.2999992
k_InfCmp_MtrVel_ScaleFactor_Uls_132 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[0) 161 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[1) 328 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[2) 494 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[3) 661 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[4] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[6] 828 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[6] 829 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[7] 8326 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[7] 8326 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[7] 8326 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[8] 8493 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(0)[8] 8494 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[9] 8494 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[9] 8494 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 827 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 836 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 848 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 849 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 869 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 869 U_FDD_ADDRollingTbYM_MtrNmpRadpS_um1p17(1)[6] 869 U_FDD_FeqTbYM_Hz_u12p4(0)[1] 861 U_FDD_FeqTbYM_Hz_u12p4(0)[1] 862 U_FDD_FeqTbYM_Hz_u12p4(0)[1] 862 U_FDD_FeqTbYM_Hz_u12p4(0)[1] 863 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 864 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 865 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 866 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 867 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 868 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 869 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 869 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 869 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 869 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[6] 860 U_FDD_FeqTbYM_Hz_u12p4(0)[	k_DmpGainOnThresh_KphpS_f32	33.5
E_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[0]         161           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[3]         494           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[3]         661           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[4]         827           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[6]         994           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[6]         1160           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[7]         1326           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[8]         1493           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(0)[9]         1659           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[0]         161           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         328           12_FDD_ADDRollingTbYM_MthmpRadps_um1p17(1)[1]         327           12_FDD_ADRollingTbYM_MthmpRadps_um1p17(1)[1]         327           12_FDD_ADRollingTbYM_MthmpRadps_um1p17(1)[1]         326           12_FDD_FreqTbYM_MthmpRadps_um1p17(1)[1]         326	k_InrtCmp_MtrInertia_KgmSq_f32	0.000300000014
12_FDD_ADDRollingTbYM_MtrNmpRadpS_umtp17(p)[2]	k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
2_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[2]   494   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[3]   661   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[6]   994   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[6]   994   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[6]   1160   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[7]   1326   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   1493   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   1659   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   1659   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   161   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   494   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   494   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   494   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   494   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   497   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   497   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   497   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   497   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   497   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   498   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   499   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   499   12_FDD_ADDRollingTblYM_Mtr\mpRadpS_um1p17(p)[8]   499   12_FDD_FreqTblYM_Mtr\mpRadpS_um1p17(p)[8]   499   12_FDD_FreqTblYM_Mtr_u124p0[0][0]   48   12_FDD_FreqTblYM_Hz_u124p0[0][1]   48   12_FDD_FreqTblYM_Hz_u124p0[0][1]   48   12_FDD_FreqTblYM_Hz_u124p0[0][1]   48   12_FDD_FreqTblYM_Hz_u124p0[0][1]   49   12_FDD_FreqTblYM_Hz_u	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  3    827    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  5    994    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  6    1160    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  6    1160    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  7    1326    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  9    1659    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(0)  9    1659    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  9    1659    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  11    328    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  11    328    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  13    661    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  3    827    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  4    827    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  5    994    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  6    1160    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  6    1160    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  7    1326    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  7    1326    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  8    1493    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  8    1493    2_FDD_ADDRollingTblYM_MtrNmpRadps_um1p17(1)  9    1659    2_FDD_FerqTblYM_Hz_u12p40  10    48    2_FDD_FerqTblYM_Hz_u12p40  10    48    2_FDD_FerqTblYM_Hz_u12p40  13    96    2_FDD_FerqTblYM_Hz_u12p40  13    96    2_FDD_FerqTblYM_Hz_u12p40  13    122    2_FDD_FerqTblYM_Hz_u12p40  13    128    2_FDD_FerqTblYM_Hz_u12p40  16    144    2_FDD_FerqTblYM_Hz_u12p40  16    144    2_FDD_FerqTblYM_Hz_u12p40  16    144    2_FDD_FerqTblYM_Hz_u12p40  16    142    2_FDD_FerqTblYM_Hz_u12p40  16    14	t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
12_FDD_ADDRollingTblYM_MtrNmpRadpS_umtp17(0) 3    827		494
2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  4    827    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  5    994    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  5    1160    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  5    1326    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  8    1493    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(0)  8    1659    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  9    1659    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  1    328    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  1    328    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  2    494    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  4    827    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  5    994    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  6    1160    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  6    1160    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  8    1493    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  9    1659    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  9    1659    2_FDD_ADDRollingTbiYM_MtrNmpRadpS_um1p17(1)  9    1659    2_FDD_FreqTbiYM_Hz_u12p4(0)  3   48    2_FDD_FreqTbiYM_Hz_u12p4(0)  3   96    2_FDD_FreqTbiYM_Hz_u12p4(0)  3   12    2_FDD_FreqTbiYM_Hz_u12p4(0)  4		661
12_FDD_ADDRollingTblYM_MrNmpRadpS_um1p17[0][5]   994   1160   1		827
1160   1160		994
12_FDD_ADROllingTb\YM_MtrNmpRadps_um1p17(0)[7]       1326         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17(0)[8]       1493         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17(1)[9]       1659         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][1]       328         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][2]       494         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][3]       661         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][3]       661         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][4]       827         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][5]       994         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][7]       1326         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][7]       1326         12_FDD_ADDROllingTb\YM_MtrNmpRadps_um1p17[1][8]       1493         12_FDD_ForeTb\YM_Hz_u12p4[0][0]       48         12_FDD_FreqTb\YM_Hz_u12p4[0][1]       64         12_FDD_FreqTb\YM_Hz_u12p4[0][1]       64         12_FDD_FreqTb\YM_Hz_u12p4[0][1]       112         12_FDD_FreqTb\YM_Hz_u12p4[0][5]       128         12_FDD_FreqTb\YM_Hz_u12p4[0][6]       144         12_FDD_FreqTb\YM_Hz_u12p4[0][6]       144         12_FDD_FreqTb\YM_Hz_u12p4[0][6]       144         12_FDD_FreqTb\YM_Hz_u12p4[0][6]       192         12_FDD_FreqTb\YM_Hz_u12p4[0][6]		1160
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]   1493   12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]   1659		
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]       1659         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]       161         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_FreqTbIYM_Hz_u12p4[0][0]       48         12_FDD_FreqTbIYM_Hz_u12p4[0][0]       48         12_FDD_FreqTbIYM_Hz_u12p4[0][0]       80         12_FDD_FreqTbIYM_Hz_u12p4[0][2]       80         12_FDD_FreqTbIYM_Hz_u12p4[0][3]       96         12_FDD_FreqTbIYM_Hz_u12p4[0][4]       112         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       144         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       144         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       144         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       146         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       149         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       192		
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]       161         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]       827         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_FDADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTbIYM_Hz_u12p4[0][1]       48         12_FDD_FreqTbIYM_Hz_u12p4[0][1]       64         12_FDD_FreqTbIYM_Hz_u12p4[0][2]       80         12_FDD_FreqTbIYM_Hz_u12p4[0][3]       96         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       112         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       144         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       144         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       160         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       176         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       192         12_FDD_FreqTbIYM_Hz_u12p4[0][6]       192         12_FDD_FreqTbIYM_Hz_u12p4[0][1]       208		
12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][1]       328         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][2]       494         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTb!YM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTb!YM_Hz_u12p4[0][1]       48         12_FDD_FreqTb!YM_Hz_u12p4[0][1]       64         12_FDD_FreqTb!YM_Hz_u12p4[0][2]       80         12_FDD_FreqTb!YM_Hz_u12p4[0][3]       96         12_FDD_FreqTb!YM_Hz_u12p4[0][4]       112         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       144         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       144         12_FDD_FreqTb!YM_Hz_u12p4[0][7]       160         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       192         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       192         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       192         12_FDD_FreqTb!YM_Hz_u12p4[0][6]       208         12_FDD_FreqTb!YM_Hz_u12p4[0][1]       208 <td></td> <td></td>		
12_FDD_ADDRollingTb\YM_MtrNmpRadpS_um1p17[1] 2		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]       661         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][3]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][1]       208         12_FDD_FreqTblYM_Hz_u12p4[0][1]       208		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]       827         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][6]       112         12_FDD_FreqTblYM_Hz_u12p4[0][6]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       208          12_FDD_FreqTblYM_Hz_u12p4[0][11]       204		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]       994         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]       1160         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         t2_FDD_FreqTblYM_Hz_u12p4[0][0]       48         t2_FDD_FreqTblYM_Hz_u12p4[0][1]       64         t2_FDD_FreqTblYM_Hz_u12p4[0][3]       80         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		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]       1326         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][0]       208         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]       1493         12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]       1659         12_FDD_FreqTblYM_Hz_u12p4[0][0]       48         12_FDD_FreqTblYM_Hz_u12p4[0][1]       64         12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
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[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		
12_FDD_FreqTblYM_Hz_u12p4[0][2]       80         12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
12_FDD_FreqTblYM_Hz_u12p4[0][3]       96         12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
12_FDD_FreqTblYM_Hz_u12p4[0][4]       112         12_FDD_FreqTblYM_Hz_u12p4[0][5]       128         12_FDD_FreqTblYM_Hz_u12p4[0][6]       144         12_FDD_FreqTblYM_Hz_u12p4[0][7]       160         12_FDD_FreqTblYM_Hz_u12p4[0][8]       176         12_FDD_FreqTblYM_Hz_u12p4[0][9]       192         12_FDD_FreqTblYM_Hz_u12p4[0][10]       208         12_FDD_FreqTblYM_Hz_u12p4[0][11]       224		
12_FDD_FreqTblYM_Hz_u12p4[0][5]     128       12_FDD_FreqTblYM_Hz_u12p4[0][6]     144       12_FDD_FreqTblYM_Hz_u12p4[0][7]     160       12_FDD_FreqTblYM_Hz_u12p4[0][8]     176       12_FDD_FreqTblYM_Hz_u12p4[0][9]     192       12_FDD_FreqTblYM_Hz_u12p4[0][10]     208       12_FDD_FreqTblYM_Hz_u12p4[0][11]     224		
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		
12_FDD_FreqTblYM_Hz_u12p4[0][7]     160       12_FDD_FreqTblYM_Hz_u12p4[0][8]     176       12_FDD_FreqTblYM_Hz_u12p4[0][9]     192       12_FDD_FreqTblYM_Hz_u12p4[0][10]     208       12_FDD_FreqTblYM_Hz_u12p4[0][11]     224		
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[0][9]		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] 208 t2_FDD_FreqTblYM_Hz_u12p4[0][11] 224		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] 224		
t2_EDDFreqTblYM_Hz_u12n4[1][0] 656		
/ / / _ / _ / _ / _ / _	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] 704	t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704

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гідреротрініні Стр_гегі	(MACI)
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]	10368
CmnVehSpd_Kph_u9p7[1]	10496
CmnVehSpd_Kph_u9p7[2]	10624
CmnVehSpd Kph u9p7[3]	10752
CmnVehSpd_Kph_u9p7[4]	10880
CmnVehSpd_Kph_u9p7[5]	11008
CmnVehSpd_Kph_u9p7[6]	11136
CmnVehSpd_Kph_u9p7[7]	11264
CmnVehSpd_Kph_u9p7[8]	11392
	11520
CmnVehSpd_Kph_u9p7[9]	11648
CmnVehSpd_Kph_u9p7[10]	
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
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952
DmpDecelGainSlewY_UlspS_u13p3[0]	3608
_DmpDecelGainSlewY_UlspS_u13p3[1]	3616
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[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]	1616
FDD_AttenTblX_MtrRadpS_u12p4[0] FDD_AttenTblX_MtrRadpS_u12p4[1]	1680
	136
FDD_AttenTblY_Uls_u8p8[0]  FDD_AttenTblY_Uls_u8p8[1]	139
FDD_AttenTblY_Uls_u8p8[1]	
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_BlendTbIY_Uls_u8p8[4]	23
FDD_BlendTblY_Uls_u8p8[5]	26
FDD_BlendTblY_Uls_u8p8[6]	28
FDD_BlendTblY_Uls_u8p8[7]	31
FDD_BlendTblY_Uls_u8p8[8]	33
FDD_BlendTblY_Uls_u8p8[9]	36
_FDD_BlendTblY_Uls_u8p8[10]	38
FDD DIEHUTDIT OIS UODOLIUI	30

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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		
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_RIAstWIRBIndTblY_Uls_u2p14[1]	6554		
t RIAstWIRBIndTbIY Uls u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_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_WIRBIndTblX_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	8.6999981		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.0500002		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.020004		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.1999981		
tgt_PtqDepDmprimitCmp_Fer1_wiRCmdAmpbilid_witiNii_132.value tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmi	1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr			
tgt_Rte_inst_Ap_FrqDepDmpnInntCmp.FrqDepDmpnInrtCmp_Fe11_FrqDepDmpni tgt_Rte_inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Hw10rque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_VehicleLonAcc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ tot_Pte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIPCmdAmpR			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB			-
Name	Actual Value	Expected Value	Resu

@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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.5999985 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789485 ± 0.00390625	<b>✓</b>
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	<b>✓</b>



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	<b>✓</b>

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

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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
	6400
CmnVehSpd_Kph_u9p7[9]	6528
CmnVehSpd_Kph_u9p7[10]	
CmnVehSpd_Kph_u9p7[11]	6656
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
	312
_DmpDecelGainSlewY_UlspS_u13p3[3]	320
_DmpDecelGainSlewY_UlspS_u13p3[4]	
_DmpDecelGainSlewY_UlspS_u13p3[5]	328
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6554
_DmpFiltKpWIRBIndY_UIs_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_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]	1728
FDD_AttenTblX_MtrRadpS_u12p4[0] FDD_AttenTblX_MtrRadpS_u12p4[1]	1760
	166
FDD_AttenTblY_Uls_u8p8[0]  FDD_AttenTblY_Uls_u8p8[1]	166
FDD_AttenTblY_Uls_u8p8[1]	
FDD_BlendTblY_Uls_u8p8[0]	15
FDD_BlendTblY_Uls_u8p8[1]	18
FDD_BlendTblY_Uls_u8p8[2]	20
FDD_BlendTbIY_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

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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	192	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
	68		
	69		
	70		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	72		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	76		
RIAstWIRBIndTbIY UIs u2p14[0]	6554		
RIAstWIRBIndTbIY Uls u2p14[1]	8192		
_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
:_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
:_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
WIRBIndTblX MtrNm u8p8[0]	1894		
_WIRBIndTbiX_MtrNm_u8p8[1]	1920		
_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
WIRBINdTbiX_MtrNm_u8p8[3]	1971		
WIRBINDTDIX_MUNIT_ucpo[5]	1997		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.60000002		
gt_FrqDepDmpnInrtCmp_Fe1_BaseAssistCmd_wtrNm1_i32.value gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-150.600006		
gt_FrqDepDmpnInttCmp_Fe11_CKFMotorve1_MtRadp5_i52.value  gt_FrqDepDmpnInttCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrtComSvtDit_Cnt_igt.value gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.80000019		
	14.0600004		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	220.020004		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value			
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0	sintOund Machine 500	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC			
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_I			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpee			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm			
Name	Actual Value	Expected Value	Resu
BroDocal Cain, Llla, M, f22	127210 202	127210 202 + 0 0625	

32 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 1 1 1 1 1 1 1		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-135.810211	-135.810181 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-49.2000008	-49.2000008 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-6.76923132	-6.76923084 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-0.96496433	-0.964892328 ± 0.00390625	~
tot FroDenDmnnInrtCmn Per1 FroDenDmnnInrtCmn MtrNm f32 value	0	0 + 0 00048828125	<b>~</b>



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	2.4000001
Prev2ScIDrvVel_RadpS_M_f32	115.199997
PrevTbarAng_HwDeg_M_f32	3.40300012
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.5999999
TbarVelFiltSv_M_str.K_Uls_f32	0.336600006
k CmnSysKinRatio MtrDegpHwDeg f32	26.0300007
k CmnTbarStiff NmpDeg f32	2.70000005
k_DmpDecelGainFSlew_UlspS_f32	1800.06006
k_DmpDecelGain_Uls_f32	2.20000005
k_DmpGainOffThresh_KphpS_f32	20.2999992
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	523
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_un11p17[0][1]	1553
	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	
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_ADDRollingTbIYM_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_FreqTbIYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
t2_FDD_FreqTbIYM_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

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Name	Input Value
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_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
_CmnVehSpd_Kph_u9p7[2]	4224
CmnVehSpd_Kph_u9p7[3]	4352
CmnVehSpd_Kph_u9p7[4]	4480
CmnVehSpd_Kph_u9p7[5]	4608
_CmnVehSpd_Kph_u9p7[6]	4736
	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
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392
DmpDecelGainSlewY UlspS u13p3[2]	400
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424
t DmpFiltKpWIRBIndY Uls u2p14[0]	8192
:_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
_DmpFiltKpWlRBIndY_Uls_u2p14[3]	13107
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]  FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	161
	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1160
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1326
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659
_FDD_AttenTbIX_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_BlendTblY_Uls_u8p8[3]	26
:_FDD_BlendTblY_Uls_u8p8[4]	28
_FDD_BlendTblY_Uls_u8p8[5]	31
	33
	00
t_FDD_BlendTblY_Uls_u8p8[6]	36
_FDD_BlendTbIY_Uls_u8p8[6] _FDD_BlendTbIY_Uls_u8p8[7]	36
_FDD_BlendTbIY_Uls_u8p8[6] _FDD_BlendTbIY_Uls_u8p8[7] _FDD_BlendTbIY_Uls_u8p8[8]	38

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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		
	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 RIAstWIRBIndTblY Uls u2p14[0]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	9830		
t RIAstWIRBIndTblY Uls u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t WIRBIndTbIX MtrNm u8p8[0]	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_WIRCmdAmpBlnd_MtrNm_f32.value	8.80000019		
tgt_PtqDepDmprimitCmp_Ferr_virkCmdAmpbilid_wtitkin_132.value tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd		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_ tot_Pte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_WIPCmdAmpR	1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		<u> </u>	
Name	Actual Value	Expected Value	Resu

	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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.816681 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.2999992 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	3.40740728	3.40740752 ± 0.00390625	<b>✓</b>
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	<b>V</b>



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
Prev1ScIDrvVel RadpS M f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002
Prev2ScIDrvVel_RadpS_M_f32	-380.200012
PrevTbarAng_HwDeg_M_f32	-3.05999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-2.5
TbarVelFiltSv M str.K Uls f32	0.448799998
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k CmnTbarStiff NmpDeg f32	3.099999
k DmpDecelGainFSlew UlspS f32	1900.07996
k_DmpDecelGain_Uls_f32	2.5999999
k_DmpGainOffThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.200008
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.69999988
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	814
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	924
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1364
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	1475
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	192
t2 FDD FreqTbIYM Hz u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	48
	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96
<u>α_ι υυ_ι ιση ισι ισι ια ια ια μα ι ισ</u>	•••

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][4] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 208  $t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11]$ 224 t\_CmnVehSpd\_Kph\_u9p7[0] 128 t\_CmnVehSpd\_Kph\_u9p7[1] 256 t\_CmnVehSpd\_Kph\_u9p7[2] 384 t\_CmnVehSpd\_Kph\_u9p7[3] 512 640 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] 12698 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 13107 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 13517 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 30592 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 30624 t DmpDecelGainSlewX MtrRadpS u11p5[2] 30656 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 30688 30720 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 30752 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 448 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 456 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 464 t DmpDecelGainSlewY UlspS\_u13p3[3] 472 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 480 t DmpDecelGainSlewY\_UlspS\_u13p3[5] 488 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0] 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]$ 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 8192  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4]$ 9830 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[0] 342 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 683 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 1024 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1364 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 1705 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 2046 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 2387 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 2728 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 3068 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 3409 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1760 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 1920 t\_FDD\_AttenTblY\_Uls\_u8p8[0] 237 t\_FDD\_AttenTblY\_Uls\_u8p8[1] 239 t FDD BlendTblY Uls u8p8[0] 20 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 23 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 26 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 28 t FDD BlendTblY Uls u8p8[4] 31 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 33 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 36 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 38 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 41 44  $t\_FDD\_BlendTblY\_Uls\_u8p8[9]$ t\_FDD\_BlendTblY\_Uls\_u8p8[10] 46

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t\_FDD\_BlendTblY\_Uls\_u8p8[11]

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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 Uls u2p14[0]	1638		
t RIAstWIRBIndTbIY Uls u2p14[1]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t WIRBIndTbiX MtrNm u8p8[0]	1434		
t WIRBIndTblX MtrNm u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t WIRBIndTbIX MtrNm u8p8[3]	1510		
t WIRBIndTbIX MtrNm u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.10000002		
tgt FrgDepDmpnInrtCmp 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 FrgDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	35.0099983		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.050003		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.5		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm	1 1	Cmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
tat Rte Inst Ap FraDepDmpnInrtCmp.FraDepDmpnInrtCmp Per1 FraDepDmpnIr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIr tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		<u>.</u>	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw$		Accel KnhnS f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon		
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_FrqDepDmpnInrtCmp_Per1_VehicleLon tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	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	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.06451607 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.39141941 ± 0.00390625	~
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32 value	0	0 + 0 00048828125	<b>✓</b>



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	<b>~</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	<b>~</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
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
Prev1ScIDrvVel RadpS M f32	163.600006
Prev2PreAttnComp MtrNm M f32	1.10000002
Prev2ScIDrvVel_RadpS_M_f32	175.300003
PrevTbarAng_HwDeg_M_f32	1.15400004
Rte_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	0.60000024
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

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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
_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
	14080
_CmnVehSpd_Kph_u9p7[9]	15360
_CmnVehSpd_Kph_u9p7[10]	
_CmnVehSpd_Kph_u9p7[11]	16640
_DmpADDCoefX_MtrNm_u4p12[0]	16794
_DmpADDCoefX_MtrNm_u4p12[1]	17203
_DmpADDCoefX_MtrNm_u4p12[2]	17613
_DmpADDCoefX_MtrNm_u4p12[3]	18022
_DmpADDCoefX_MtrNm_u4p12[4]	18432
_DmpADDCoefX_MtrNm_u4p12[5]	18842
_DmpADDCoefX_MtrNm_u4p12[6]	19251
_DmpADDCoefX_MtrNm_u4p12[7]	19661
_DmpADDCoefX_MtrNm_u4p12[8]	20070
_DmpADDCoefX_MtrNm_u4p12[9]	20480
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424
_DmpDecelGainSlewY_UlspS_u13p3[0]	680
_DmpDecelGainSlewY_UlspS_u13p3[1]	688
DmpDecelGainSlewY UlspS u13p3[2]	696
DmpDecelGainSlewY UlspS u13p3[3]	704
	712
_DmpDecelGainSlewY_UlspS_u13p3[4]	
_DmpDecelGainSlewY_UlspS_u13p3[5]	720
_DmpFiltKpWIRBIndY_UIs_u2p14[0]	8192
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
_FDD_ADDStaticTbIY_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]	1760
FDD_AttenTblX_MtrRadpS_u12p4[0]	2000
_FDD_AttenTblY_Uls_u8p8[0]	49
_FDD_AttenTblY_Uls_u8p8[1]	51
	49
FDD_BlendTblY_Uls_u8p8[0]	
FDD_BlendTblY_Uls_u8p8[1]	51
_FDD_BlendTblY_Uls_u8p8[2]	54
_FDD_BlendTbIY_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
FDD_BlendTblY_Uls_u8p8[8]	71
FDD_BlendTblY_Uls_u8p8[9]	74
_FDD_BlendTblY_Uls_u8p8[10]	77

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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_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	4915		
t RIAstWIRBIndTblY Uls u2p14[2]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
	1766		
t_WIRBIndTblX_MtrNm_u8p8[3]			
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792 2.20000005		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	450.25		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.0600014		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.19999981	o Acciet Cmd MtrNm f22	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssisi			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLor		_ · · · <u>_</u>	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA			
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	127628.313	127628.313 ± 0.0625	,
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.291 ± 0.09	•

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	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.600006 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	1.15384614	1.15384614 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.36525083 ± 0.00390625	<b>✓</b>
tot FroDenDmonInrtCmp Per1 FroDenDmonInrtCmp MtrNm f32 value	-8 80000019	-8 80000019 ± 0 00048828125	<b>✓</b>



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)	v v
Name	Input Value
PreDecelGain Uls M f32	127730.688
Prev1PreAttnComp MtrNm M f32	-6.5
Prev1ScIDrvVel RadpS M f32	-90.2300034
Prev2PreAttnComp_MtrNm_M_f32	-8.1000038
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_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1087
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1591
	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
	656
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
:	688
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	720
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	736
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768 784
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800 816
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
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_FreqTbIYM_Hz_u12p4[1][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128

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Name	Input Value	
varne 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	
_CmnVehSpd_Kph_u9p7[9]	7936	
_CmnVehSpd_Kph_u9p7[10]	8064	
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
	21709	
_DmpADDCoefX_MtrNm_u4p12[2] DmpADDCoefX_MtrNm_u4p12[3]	221709	
	22528	
_DmpADDCoefX_MtrNm_u4p12[4] DmpADDCoefX_MtrNm_u4p12[5]		
	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347 23757	
_DmpADDCoefX_MtrNm_u4p12[7]		
_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	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1568	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
FDD 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_BlendTblY_Uls_u8p8[0]	65	
FDD_BlendTblY_Uls_u8p8[1]	68	
FDD_BlendTblY_Uls_u8p8[2]	70	
	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_BlendTblY_Uls_u8p8[7]	83	
EDD BlandThIV I IIa 110: 000		
_FDD_BlendTbiY_Uis_u8p8[8]	86	
_FDD_BlendTbIY_Uls_u8p8[8] _FDD_BlendTbIY_Uls_u8p8[9] _FDD_BlendTbIY_Uls_u8p8[10]	88 91	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTbIY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	29		
t RIAstWIRBIndTblY Uls u2p14[0]	4915		
t RIAstWIRBIndTblY Uls u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t WIRBIndTblX MtrNm u8p8[0]	1894		
t WIRBIndTblX MtrNm u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t WIRBIndTblX MtrNm u8p8[3]	1971		
t WIRBIndTblX MtrNm u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.20000005		
tgt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-450.140015		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.059998		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.19999981		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCmc		tCmd 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	Result
	127730 086	127730 086 + 0 0625	rtocart

(g, tonot_, tp_, rqpopp.np.n.n.tomp.n rqpopp.np.n.n.tomp_, or r_, rn.toma.n	bp. rgr_r rdp.obpbrob_r	o. 1_1111 to.1141 ti.1p2.114_1141_102	
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	<b>✓</b>
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	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	0	0 + 0.00048828125	<b>✓</b>



Test Step Call Trace	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 2.26 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	127832.656
Prev1PreAttnComp MtrNm M f32	7.5
Prev1ScIDrvVel RadpS M f32	-1100.19995
Prev2PreAttnComp MtrNm M f32	8.1000038
Prev2ScIDrvVel_RadpS_M_f32	-36.2000008
PrevTbarAng_HwDeg_M_f32	0.80000012
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5
TbarVelFiltSv_M_str.K_Uls_f32	0.236499995
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.1199989
k CmnTbarStiff NmpDeg f32	3.099999
k DmpDecelGainFSlew UlspS f32	200.020004
k_DmpDecelGain_Uls_f32	3.9000001
k_DmpGainOffThresh_KphpS_f32	15.199998
k_DmpGainOnThresh_KphpS_f32	40.2000008
k_InrtCmp_MtrInertia_KgmSq_f32	0.000360000005
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.88999986
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1212
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
E-1 SS-1 (Sd.1011M-115-0.15b4[1][0]	177

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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 1280 t CmnVehSpd Kph u9p7[9]  $t\_CmnVehSpd\_Kph\_u9p7[10]$ 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

119

122

t\_FDD\_BlendTbIY\_Uls\_u8p8[9] t\_FDD\_BlendTbIY\_Uls\_u8p8[10]

t\_FDD\_BlendTblY\_Uls\_u8p8[11]

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FrqDepDmpnInrtCmp\_Per1

Ріфоеропірпіпітстір_Регі		1	WAC I CAIL	
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_ScaleFactorTbIY_UIs_u9p7[4]	77			
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90			
t_InrtCmp_ScaleFactorTbIY_UIs_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_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554			
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107			
t_WIRBIndTbIX_MtrNm_u8p8[0]	794	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			
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 Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAss	sistCmc tgt_FrqDepDmpnInrtCmp_Per1	_BaseAssistCmd_MtrNm_f32		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMot	torVel I tgt_FrqDepDmpnInrtCmp_Per1	_CRFMotorVel_MtrRadpS_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDep	DmpSi tgt_FrqDepDmpnInrtCmp_Per1	_FreqDepDmpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepD	OmpnIn tgt_FrqDepDmpnInrtCmp_Per1	_FrqDepDmpnInrtCmp_MtrNm_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorqu	ue_Hwl tgt_FrqDepDmpnInrtCmp_Per1	_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleL	onAcce tgt_FrqDepDmpnInrtCmp_Per1	_VehicleLonAccel_KphpS_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleS	Speed_I tgt_FrqDepDmpnInrtCmp_Per1	_VehicleSpeed_Kph_f32		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmo	dAmpBl tgt_FrqDepDmpnInrtCmp_Per1	_WIRCmdAmpBlnd_MtrNm_f32		
Name	Actual Value	Expected Value	Resu	
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	•	
Prov2ColDn/Vol. BodnS M f22	1100 10005	1100 10005 + 0 00200625		

-1100.19995

0.806451619

-2.67284751

Prev2SclDrvVel\_RadpS\_M\_f32

PrevTbarAng\_HwDeg\_M\_f32

 $TbarVelFiltSv\_M\_str.SV\_Uls\_f32$ 

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

-1100.19995 ± 0.00390625

0.806451619 ± 0.00390625

-2.67284679 ± 0.00390625 0 ± 0.00048828125



Test Step Call Trace	tep 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	<b>✓</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
DriverVelCalc	1	DriverVelCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~	

_FrqDepDmpnInrtCmp
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FrqDepDmpn	InrtCmp_	_Per1

гідоеротіртіністр_гегі		
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 FregTblYM 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	
	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
	6400	
	7680	
:_CmnVehSpd_Kph_u9p7[5]	8960	
:_CmnVehSpd_Kph_u9p7[6]	10240	
:_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
:_CmnVehSpd_Kph_u9p7[9]	14080	
: CmnVehSpd Kph u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	28262	
_DmpADDCoefX_MtrNm_u4p12[1]	28672	
_DmpADDCoefX_MtrNm_u4p12[2]	29082	
DmpADDCoefX_MtrNm_u4p12[3]	29491	
DmpADDCoefX_MtrNm_u4p12[4]	29901	
_DmpADDCoefX_MtrNm_u4p12[5]	30310	
:_DmpADDCoefX_MtrNm_u4p12[6]	30720	
:_DmpADDCoefX_MtrNm_u4p12[7]	31130	
:_DmpADDCoefX_MtrNm_u4p12[8]	31539	
_DmpADDCoefX_MtrNm_u4p12[9]	31949	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
t DmpFiltKpWIRBIndY Uls u2p14[0]	1638	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
:_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554	
:_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
r_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1680	
:_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240	
_FDD_AttenTblY_Uls_u8p8[0]	116	
_FDD_AttenTblY_Uls_u8p8[1]	118	
_FDD_BlendTblY_Uls_u8p8[0]	116	
_FDD_BlendTblY_Uls_u8p8[1]	118	
_FDD_BlendTblY_Uls_u8p8[2]	121	
	123	
FDD_BlendTblY_Uls_u8p8[4]	126	
_FDD_BlendTblY_Uls_u8p8[5]	129	
_FDD_BlendTblY_Uls_u8p8[6]	131	
	134	
	136	
t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8]	136	
	136 139 141	

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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t InrtCmp ScaleFactorTblY Uls u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	60		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830		
t RIAstWIRBIndTbIY Uls u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
	1126		
t_WIRBIndTblX_MtrNm_u8p8[3]			
t_WIRBIndTbIX_MtrNm_u8p8[4]	-3.29999995		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-550.299988		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-550.299988		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value			
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	opintCmd MtrNm f22	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssist			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotor			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLon			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA			
Name	Actual Value	Expected Value	Resul
PreDecelGain_Uls_M_f32	127934.031	127934.031 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.781 ± 0.9	•

(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	127934.031	127934.031 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.781 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.116669 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.050003 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833313 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.58375502 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	<b>✓</b>



Test Step Call Trace	tep 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	<b>✓</b>	
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~	
DecelGain	1	DecelGain	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
DriverVelCalc	1	DriverVelCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
FilterCoefCalc	1	FilterCoefCalc	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~	
GenFddlcCmd	1	GenFddlcCmd	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_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_Uls_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

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гідоеропірпіпістір_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		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.4000001		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01001		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.049988		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.2999995		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCr	tgt_FrqDepDmpnInrtCmp_Per1_BaseAs	ssistCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel	tgt_FrqDepDmpnInrtCmp_Per1_CRFMc	otorVel_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmpD$	Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDe	epDmpSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmpD$	n tgt_FrqDepDmpnInrtCmp_Per1_FrqDep	DmpnInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hrgerter_Representation and the property of the property o$	vt tgt_FrqDepDmpnInrtCmp_Per1_HwTord	que_HwNm_f32	
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
ProDocalCoin IIIa M f22	129026 406	129026 406 + 0.0625	a

(g, tonot_) tp_, rqpoppptqpoppptend	ps. tgt_i idsobsbtob_i	o. 1_1111 to.11d. 11.1p2.11d_11111_102	
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 FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.80000019 ± 0.00048828125	<b>✓</b>



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 2.29 (Repeat Count = 1)	· ·
Name	Input Value
PreDecelGain Uls M f32	128138.586
Prev1PreAttnComp MtrNm M f32	-8.5
Prev1ScIDrvVel RadpS M f32	-26.2999992
Prev2PreAttnComp MtrNm M f32	-6.5999999
Prev2ScIDrvVel_RadpS_M_f32	175.199997
PrevTbarAng_HwDeg_M_f32	-0.50999999
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.0999999
TbarVelFiltSv_M_str.K_Uls_f32	0.589630008
k CmnSysKinRatio MtrDegpHwDeg f32	28.1200008
k CmnTbarStiff NmpDeg f32	6.80000019
k DmpDecelGainFSlew UlspS f32	200.020004
k_DmpDecelGain_Uls_f32	5.9000001
k_DmpGainOffThresh_KphpS_f32	30.200008
k_DmpGainOnThresh_KphpS_f32	8.30000019
k_InrtCmp_MtrInertia_KgmSq_f32	0.000390000001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.100000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	3834
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344

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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

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FrqDepDmpnInrtCmp\_Per1 Input Value t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[0] 13 26 t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[1] 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 81 t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3] 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] ٩n t\_InrtCmp\_TBarVel\_ScaleFactorTblY\_Uls\_u9p7[11] 91 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0] 1638 t\_RIAstWIRBIndTblY\_Uls\_u2p14[1] 3277 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[2] 4915  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3]$ 6554 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[4] 8192 t\_WIRBIndTbIX\_MtrNm\_u8p8[0] 282 t WIRBIndTbIX MtrNm u8p8[1] 307 t\_WIRBIndTbIX\_MtrNm\_u8p8[2] 333 t WIRBIndTbIX MtrNm u8p8[3] 358 t\_WIRBIndTbIX\_MtrNm\_u8p8[4] 384 tgt\_FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmd\_MtrNm\_f32.value -4.4000001 tgt\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_MtrRadpS\_f32.value -650.080017  $tgt\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrlComSvcDft\_Cnt\_lgc.value$ -3.5  $tgt\_FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HwNm\_f32.value$  $tgt\_FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccel\_KphpS\_f32.value$ -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 BaseAssistCmc tgt\_FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmd\_MtrNm\_f32 tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel | tgt\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_MtrRadpS\_f32  ${\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_Per1\_FreqDepDmpNrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpNrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpNrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_Rte\_Inst\_Ap\_FrqDepDmpNrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_Rte\_InstAp\_FrqDepDmpNrlComSvcDft\_Cnt\_lgc} \\ {\tt tgt\_$  $\label{total_problem} \begin{tabular}{ll} tgt_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInr$ tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwl1 tgt\_FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HwNm\_f32

gc_we_nec_p rdzebzbcombrdzebzbtemp eri_rtiema	ps. tgt_i rqs-opsptop_i	o	
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	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.2999992 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705896 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.11589229 ± 0.00390625	✓
tgt_FrgDepDmpnInrtCmp_Per1_FrgDepDmpnInrtCmp_MtrNm_f32.value	0	0 ± 0.00048828125	<b>✓</b>

tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccet\_tgt\_FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccet\_tgt\_FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccet\_tgt\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_tgt\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Kph\_f32

tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Kph\_f32

tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Kph\_f32



Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_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
Prev1ScIDrvVel RadpS M f32	18.2000008
Prev2PreAttnComp MtrNm M f32	6.5999999
Prev2ScIDrvVel_RadpS_M_f32	-120.800003
PrevTbarAng_HwDeg_M_f32	20
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	-3.5
TbarVelFiltSv M str.K Uls f32	0.632139981
k CmnSysKinRatio MtrDegpHwDeg f32	85.1299973
k CmnTbarStiff NmpDeg f32	0.5
k DmpDecelGainFSlew UlspS f32	300.029999
k_DmpDecelGain_Uls_f32	5.80000019
k_DmpGainOffThresh_KphpS_f32	35.2999992
k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039999999
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	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 ADDRollingTbIYM 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[0][9]	1789
	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493 3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	832 848
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	
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]	928 944
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
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]	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

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FrqDepDmpnInrtCmp_Per1		MACHA
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	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
CmnVehSpd_Kph_u9p7[0]	10368	
CmnVehSpd_Kph_u9p7[1]	10496	
CmnVehSpd_Kph_u9p7[2]	10624	
CmnVehSpd_Kph_u9p7[3]	10752	
CmnVehSpd_Kph_u9p7[4]	10880	
CmnVehSpd_Kph_u9p7[5]	11008	
CmnVehSpd_Kph_u9p7[6]	11136	
CmnVehSpd_Kph_u9p7[7]	11264	
CmnVehSpd_Kph_u9p7[8]	11392	
CmnVehSpd_Kph_u9p7[9]	11520	
CmnVehSpd_Kph_u9p7[10]	11648	
CmnVehSpd_Kph_u9p7[11]	11776	
DmpADDCoefX_MtrNm_u4p12[0]	12698	
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]	5792	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
_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]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
FDD_AttenTblX_MtrRadpS_u12p4[0]	1648	
FDD_AttenTblX_MtrRadpS_u12p4[1]	2480	
FDD_AttenTbIY_UIs_u8p8[0]	218	
FDD_AttenTblY_Uls_u8p8[1]	220	
FDD_BlendTblY_Uls_u8p8[0]	218	
FDD_BlendTblY_Uls_u8p8[1]	220	
FDD_BlendTblY_Uls_u8p8[2]	223	
FDD_BlendTblY_Uls_u8p8[3]	225	
FDD_BlendTblY_Uls_u8p8[4]	227	
FDD_BlendTblY_Uls_u8p8[5]	230	
FDD_BlendTblY_Uls_u8p8[6]	232	
FDD_BlendTblY_Uls_u8p8[7]	234	
FDD_BlendTblY_Uls_u8p8[8]	237	
FDD_BlendTblY_Uls_u8p8[9]	239	
_FDD_BlendTblY_Uls_u8p8[10]	241	
<b></b>	<del>- · ·</del>	

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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		
	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	96		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[3] t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[4]	97		
	99		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTblX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	110.050003		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0299997		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.019989		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.30000019		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistC	mc_tgt_FrqDepDmpnInrtCmp_Per1_BaseAssi	stCmd_MtrNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVe			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_$	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpi			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_FrqDepDmpnInrtCmp\_FrqDepDmpn$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonApprox (Approximately a content of the con$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLo	nAccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed (Compared to the Compared to the Compa$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpleter(App_Per1_WIRCmdAmpleter(App_WIRCmdAmpleter(App_Per1_$	bBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmd	AmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	128239.961	128239.961 ± 0.0625	•

	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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358139 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.29999995 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2000008 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751004 ± 0.00390625	<b>✓</b>
tot FrgDenDmonInrtCmp Per1 FrgDenDmonInrtCmp MtrNm f32 value	8 80000019	8 80000019 + 0 00048828125	<b>✓</b>



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:

 $\label{eq:total_$ 

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_DmpDecelGain_Uls_f32         2.5           k_DmpDecelGain_Uls_f32         2.5           k_DmpGainOnThresh_KphpS_f32         16.5           k_DmpGainOnThresh_KphpS_f32         30.2000008	
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           TbarVelFitlsv_M_str.SV_UIs_f32         3.5           TbarVelFitlsv_M_str.K_UIs_f32         0.125799999           k_CmnSysKinRatio_MtrDegpHwDeg_f32         10.1999998           k_CmnTbarStiff_NmpDeg_f32         1.20000005           k_DmpDecelGain_UIs_f32         2.5           k_DmpGainOffThresh_KphpS_f32         16.5           k_DmpGainOnThresh_KphpS_f32         30.2000008	
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           TbarVelFitlsv_M_str.Sv_Uls_f32         3.5           TbarVelFitlsv_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_DmpGainOnThresh_KphpS_f32         16.5           k_DmpGainOnThresh_KphpS_f32         30.2000008	
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	
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	
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	
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	
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	
TbarVelFiltSv_M_str.K_Uls_f32       0.125799999         k_CmnSysKinRatio_lttrDegpHwDeg_f32       10.199998         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_CmnSysKinRatio_lttrDegpHwDeg_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_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_DmpDecelGainFSlew_UlspS_f32       100.019997         k_DmpDecelGain_Uls_f32       2.5         k_DmpGainOffThresh_KphpS_f32       16.5         k_DmpGainOnThresh_KphpS_f32       30.2000008	
k_DmpDecelGain_Uls_f32       2.5         k_DmpGainOffThresh_KphpS_f32       16.5         k_DmpGainOnThresh_KphpS_f32       30.2000008	
k_DmpGainOffThresh_KphpS_f32         16.5           k_DmpGainOnThresh_KphpS_f32         30.2000008	
k_DmpGainOnThresh_KphpS_f32 30.2000008	
k_InrtCmp_MtrInertia_KgmSq_f32 7.9999998e-005	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32 0.899999976	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 161	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1] 328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] 494	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3] 661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] 827	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] 994	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6] 1160	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7] 1326	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] 1493	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9] 1659	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] 342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] 683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2] 1024	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] 1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 1705	
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 2046	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 2387	
12_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] 3068	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9] 3409	

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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	

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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_ScaleFactorTbIY_UIs_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_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] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t RIAstWIRBIndTblY Uls u2p14[0]	1638		
t RIAstWIRBIndTblY Uls u2p14[1]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915		
t RIAstWIRBIndTbIY UIs u2p14[3]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	8192		
t WIRBIndTbIX MtrNm u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t WIRBIndTbIX MtrNm u8p8[2]	333		
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t WIRBIndTbIX MtrNm u8p8[4]	384		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.10000038		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.200012		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.0200005		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.010002		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.20000005		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmc tgt_FrqDepDmpnInrtCmp_Per1	_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_I tgt_FrqDepDmpnInrtCmp_Per1	_CRFMotorVel_MtrRadpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDm			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrt$	onIn tgt_FrqDepDmpnInrtCmp_Per1	_FrqDepDmpnInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Inst\_RepUndersubstant (Computer Computer Co$	Hwl tgt_FrqDepDmpnInrtCmp_Per1	_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpec			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm		WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain Uls M f32	125487.031	125487.031 ± 0.0625	•

tgt_rte_inst_Ap_1 rqbepbinpinintcinp.i rqbepbinpinintcinp_r en_wirtcindAmpbi	tgt_r rqbepbinpinintomp_r er r_wirtomaxin	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	~

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FrqDepDmpnIi	nrtCmp_Per1
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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	<b>✓</b>

est 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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.2 (Repeat Count = 1)	Imput Value
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
FbarVelFiltSv_M_str.SV_Uls_f32	-2.5
FbarVelFiltSv_M_str.K_Uls_f32	0.236499995
CmnSysKinRatio_MtrDegpHwDeg_f32	20.2999992
C_CmnTbarStiff_NmpDeg_f32	2.2999995
C_DmpDecelGainFSlew_UlspS_f32	200.029999
c_DmpDecelGain_Uls_f32	3.599999
c_DmpGainOffThresh_KphpS_f32	20.2000008
_DmpGainOnThresh_KphpS_f32	35.2999992
c_InrtCmp_MtrInertia_KgmSq_f32	9.0000014e-005
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.800000012
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
	32
2_FDD_FreqTblYM_Hz_u12p4[0][0]	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	48 64
2_FDD_FreqTblYM_Hz_u12p4[0][2]	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144
2_FDD_FreqTblYM_Hz_u12p4[0][8]	160
2_FDD_FreqTblYM_Hz_u12p4[0][9]	176
2_FDD_FreqTblYM_Hz_u12p4[0][10]	192
2_FDD_FreqTblYM_Hz_u12p4[0][11]	208
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 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 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 14080 t CmnVehSpd Kph u9p7[9] t\_CmnVehSpd\_Kph\_u9p7[10] 15360 t\_CmnVehSpd\_Kph\_u9p7[11] 16640 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 8602 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 9011 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 9421 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 9830 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 10240 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 10650 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 11059 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 11469 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 11878 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 12288 t DmpDecelGainSlewX MtrRadpS u11p5[0] 3872 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 3904 3936 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] t DmpDecelGainSlewX MtrRadpS u11p5[3] 3968 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 4000 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 4032 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1480 t DmpDecelGainSlewY UlspS u13p3[1] 1488 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1496 t DmpDecelGainSlewY UlspS u13p3[3] 1504 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1512 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 1520  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915 6554  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]$ 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\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 924 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1034 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 1144 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 1254 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 1364 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 1475 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 1585 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 1695 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 352 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 400 t\_FDD\_AttenTblY\_Uls\_u8p8[0] 65 t\_FDD\_AttenTblY\_Uls\_u8p8[1] 68 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 5 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 8 10 t FDD BlendTblY Uls u8p8[2] 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 23  $t\_FDD\_BlendTblY\_Uls\_u8p8[7]$ 

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

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

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	31	
t_FDD_BlendTblY_Uls_u8p8[11]	33	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102	
t InrtCmp ScaleFactorTblY Uls u9p7[7]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141	
t InrtCmp ScaleFactorTblY Uls u9p7[10]	154	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	20	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	26	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	28	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29	
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277	
t_RIAstWIRBIndTblY_UIs_u2p14[1]	4915	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554	
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192	
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830	
t_WIRBIndTbIX_MtrNm_u8p8[0]	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 BaseAssistCm		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	J. 7. – 1. 1. – 1	
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		
		Result
Name	Actual Value Expected Value	Res

	3-11-1-1		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.309448 ± 0.00390625	<b>✓</b>
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	-



est Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.3 (Repeat Count = 1)	Input Value
Name	Input Value
PreDecelGain_Uls_M_f32	125997.109
Prev1PreAttnComp_MtrNm_M_f32	-3.2999995
Prev1ScIDrvVel_RadpS_M_f32	-4021.30005
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995
Prev2ScIDrvVel_RadpS_M_f32	-363.200012
PrevTbarAng_HwDeg_M_f32	0.158999994
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-6.599999
barVelFiltSv_M_str.K_Uls_f32	0.632139981
C_CmnSysKinRatio_MtrDegpHwDeg_f32	60.0499992
CmnTbarStiff_NmpDeg_f32	6.1999981
DmpDecelGainFSlew_UlspS_f32	400.049988
_DmpDecelGain_Uls_f32	6.5
_DmpGainOffThresh_KphpS_f32	44.5
_DmpGainOnThresh_KphpS_f32	20.6000004
_InrtCmp_MtrInertia_KgmSq_f32	7.999998e-005
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.40000006
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_ADDRollingTbIYM_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]	1246
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774
2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
2_FDD_FreqTblYM_Hz_u12p4[1][1]	352
2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
2_FDD_FreqTblYM_Hz_u12p4[1][3]	384

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 Name
 Input Value

 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][4]
 400

 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6]
 416

 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6]
 432

 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6]
 432

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_FreqTbIYM_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 13440
t_CmnVehSpd_Kph_u9p7[5]	13568
t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t DmpADDCoefX MtrNm u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	1638 3277
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[2] t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t DmpFiltKpWIRBIndY Uls u2p14[4]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1427
t_FDD_ADDStaticTbIY_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_BlendTbIY_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] t_FDD_BlendTblY_Uls_u8p8[11]	44 46
C. DD_Dictio ( D) ( _Old_dopo[ 1 ]	10

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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_VehicleLon.			
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

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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.29999995 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.30005 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516136 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393108 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-8 80000019	-8 80000019 + 0 00048828125	<b>✓</b>

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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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	<b>~</b>
FilterCoefCalc	1	FilterCoefCalc	1	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	-
GenFddlcCmd	1	GenFddlcCmd	1	<b>✓</b>
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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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	<b>~</b>
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"".
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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_ps.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: 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 = mid
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)			<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
TbarVelFiltSv M str.K Uls f32	0.715390444	0.715390444 ± 0.000125655810790826	<b>✓</b>

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	1.25460005		
TbarVelFiltSv_M_str.K_Uls_f32	0.374119997		
k_InrtCmp_TBarVelLPFKn_Hz_f32	0.10000001		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.00125586987	0.00125584798 ± 0.000125655810790826	~



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	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444	0.715390444 ± 0.000125655810790826	~

Test Step 1.5 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.271430731	0.271430701 ± 0.000125655810790826	<b>✓</b>

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	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.278718412	0.278718382 ± 0.000125655810790826	~

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

FrqDepDmpnInrtCmp\_Init



Test Sten 4.10 (Beneat Count = 1)			J
Test Step 1.10 (Repeat Count = 1) Name	Input Value		Ť
	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	<b>✓</b>
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	<b>✓</b>
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	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.54833883	$0.54833883 \pm 0.000125655810790826$	<b>✓</b>

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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\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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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

Specification

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

CPU Cycles:

TS1.1 360.00 Cycles TS1.2 360.00 Cycles

Description

Test Vector Description:

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

Test Step 1.1 (Repeat Count = 1)			~
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.10000002		
Prev1SclDrvVel_RadpS_M_f32	22.2000008		
Prev2PreAttnComp_MtrNm_M_f32	7.30000019		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.65186 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.10000002 ± 0.00048828125	-
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2000008 ± 0.00390625	-

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

Test Step 1.2 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-2.20000005	
Prev1SclDrvVel_RadpS_M_f32	-16.6599998	
Prev2PreAttnComp_MtrNm_M_f32	-5.19999981	
Prev2SclDrvVel_RadpS_M_f32	-3	
ScaledDriverVel_MtrRadpS_T_f32	10.1999998	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	116	
t_FDD_AttenTblY_Uls_u8p8[1]	118	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234500002	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.154569998	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.319999993	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.76664495	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97889996	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.32420015	
Name	Actual Value Expected Value	Resu
GenFddlcCmd()	-0.334564269 -0.334564179 ± 0.000000	9
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722 -0.738348544 ± 0.000000	9
Prev1SclDrvVel_RadpS_M_f32	10.1999998 ± 0.00390625	5
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	8125
Prev2ScIDrvVel RadpS M f32	-16.6599998 -16.6599998 ± 0.0039062	5

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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	~	

GenFddlcCmd

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Test Case 2: Boundary Test

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GenFddlcCmd



Specification

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

CPU Cycles:

TS2.1 TS2.2 TS2.3 TS2.4 TS2.3 TS2.4 TS2.6 TS2.7 TS2.5 TS2.6 TS2.7 TS2.8 TS2.10 TS2.11 TS2.12 TS2.12 TS2.12 TS2.14 TS2.15 TS2.14 TS2.15 TS2.16 TS2.17 TS2.22 TS2.23 TS2.20 TS2.23 TS2.26 TS2.27 TS2.28 TS2.26 TS2.27 TS2.28 TS2.30 TS2.41 TS2.46 TS2.47 TS2.46 TS2.47 TS2.46	360.00 Cycles 372.00 Cycles 372.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 360.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 360.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles 372.00 Cycles 360.00 Cycles
TS2.50 TS2.51	360.00 Cycles 360.00 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
                                  t_FDD_AttenTblX_MtrRadpS_u12p4[2] = min
t_FDD_AttenTblX_MtrRadpS_u12p4[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = min
t_FDD_AttenTblY_Uls_u8p8[2] = max
t_FDD_AttenTblY_Uls_u8p8[2] = mid
    TS2.47
    TS2.48
TS2.49
```

Test Step 2.1 (Repeat Count = 1)			V
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_UIs_T_Str.b0_UIs_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 Expect	ted Value	Result
GenFddlcCmd()	0 0 ± 0.00	0009	~
Prev1PreAttnComp_MtrNm_M_f32	9012.61621 9012.61	719 ± 0.009	~
Prev1SclDrvVel_RadpS_M_f32	-7226.65186 -7226.65	5186 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.8000019 -8.80000	0019 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-12917.2998 -12917.2	2998 ± 0.00390625	~

**Count Expected Function** 

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step Call Trace

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Count Result





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

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

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

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

Test Step 2.4 (Repeat Count = 1)		✓
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-1.10000002	
Prev1SclDrvVel_RadpS_M_f32	-4.21000004	
Prev2PreAttnComp_MtrNm_M_f32	-6.80000019	
Prev2SclDrvVel_RadpS_M_f32	-2	
ScaledDriverVel_MtrRadpS_T_f32	7226.65186	
filtCoef Uls T Str	tgt filtCoef Uls T Str	

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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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.65186 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.10000002 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-4.21000004	-4.21000004 ± 0.00390625	~

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

Test Step 2.5 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	6.5999999	
Prev1ScIDrvVel_RadpS_M_f32	26.1000004	
Prev2PreAttnComp_MtrNm_M_f32	8.30000019	
Prev2ScIDrvVel_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 ± 0.0000009	-
Prev1PreAttnComp_MtrNm_M_f32	1.55215085 1.55215085 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	0 0 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	6.5999999 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	26.1000004 26.1000004 ± 0.00390625	<b>✓</b>

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	
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	
gt_filtCoef_Uls_T_Str.b2_Uls_f32	1.10000002	
tgt filtCoef Uls T Str.a0 Uls f32	1.76664495	

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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	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	10.1999998	10.1999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.20000005 ± 0.00048828125	<b>✓</b>
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)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	3.29999995	
Prev1ScIDrvVel_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_UIs_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 ± 0.00	00009
Prev1PreAttnComp_MtrNm_M_f32	-3.25662589 ± 0.00	<b>v</b>
Prev1ScIDrvVel_RadpS_M_f32	-10.3000002 -10.3000002 ± 0.00	390625
Prev2PreAttnComp_MtrNm_M_f32	3.29999995 ± 0.000	048828125
Prev2SclDrvVel_RadpS_M_f32	26.4500008 26.4500008 ± 0.003	390625

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

Test Step 2.8 (Repeat Count = 1)		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-3.29999995	
Prev1SclDrvVel_RadpS_M_f32	-4.21000004	
Prev2PreAttnComp_MtrNm_M_f32	-2.29999995	
Prev2SclDrvVel_RadpS_M_f32	-33.3199997	
ScaledDriverVel_MtrRadpS_T_f32	2562.6001	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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	Resul
GenFddlcCmd()	470.300568 ± 0.000	09
Prev1PreAttnComp_MtrNm_M_f32	691.936462	09
Prev1SclDrvVel_RadpS_M_f32	2562.6001 2562.6001 ± 0.0039	90625
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995 ± 0.00	0048828125
Prev2SclDrvVel RadpS M f32	-4.21000004	0390625



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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.79999995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4000001 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	1234.56006	1234.56006 ± 0.00390625	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
miprodix1_d10_d10xd101_ont		Impivalix1_u10_u10xu101_ont	'		
Took Ston 2.40 (Donost Count = 4)					

Test Step 2.10 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.4000001		
Prev1ScIDrvVel_RadpS_M_f32	-27.5499992		
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005		
Prev2ScIDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00346700009		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.194564506		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.89999976		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.82342291		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78986979		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.63450003		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.823069274	-0.823069274 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.34453535 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4000001 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-27.5499992	-27.5499992 ± 0.00390625	~

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



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

Test Step Call Trace				<b>✓</b>
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	1444.09998	1444.09998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.1500015 ± 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 2.13 (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_UIs_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	~
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1000004 ± 0.00390625	•

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

Test Step 2.14 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-6.599999	
Prev1SclDrvVel_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_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200	
t_FDD_AttenTblY_Uls_u8p8[0]	157	
t_FDD_AttenTblY_Uls_u8p8[1]	161	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745003	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.245399997	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524017	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.25399971	
Name	Actual Value Expected Value	Result
GenFddlcCmd()	-18.191328 -18.191328 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426 -28.9253426 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	1555.59998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-33.0999985 ± 0.00390625	<b>✓</b>

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

Test Step 2.15 (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_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280
t_FDD_AttenTblY_Uls_u8p8[0]	183
t_FDD_AttenTblY_Uls_u8p8[1]	185
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00863999967
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	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-5.80000019	-5.80000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	7.6999981	7.69999981 ± 0.00048828125	<b>✓</b>
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)		<b>✓</b>
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_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360	
t_FDD_AttenTblY_Uls_u8p8[0]	230	
t_FDD_AttenTblY_Uls_u8p8[1]	232	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00958499964	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.325540006	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.149599999	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23453498	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.63445282	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435009	
Name	Actual Value Expected Value	Result
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	✓

Test Step Call Trace				<b>✓</b>
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

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

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

Test Step 2.18 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4000001 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	-16.0499992	-16.0499992 ± 0.00390625	

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.19 (Repeat Count = 1)	1 111	
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_UIs_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	•
Prev1ScIDrvVel_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	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		
Prev2ScIDrvVel_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	~
Prev1ScIDrvVel_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				
Count	Expected Function	Count	Result	
1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
		-		
	Count 1	Count Expected Function  1 IntplVarXY_u16_u16Xu16Y_Cnt		

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
Prev2SclDrvVel_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	<b>✓</b>
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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.23 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.5		
Prev1SclDrvVel_RadpS_M_f32	-48.5400009		
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	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.5400009 ± 0.00390625	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	

Test Step 2.24 (Repeat Count = 1)		~
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	6.5	
Prev1SclDrvVel_RadpS_M_f32	163.649994	
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	
Prev2SclDrvVel_RadpS_M_f32	175	
ScaledDriverVel_MtrRadpS_T_f32	-3.01999998	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	176	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0212299991	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.315640002	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.099999	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05677998	

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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	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-3.01999998	-3.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	163.649994	163.649994 ± 0.00390625	•

Test Step Call Trace					<b>✓</b>
	Actual Function	Count	Expected Function	Count	Result
	IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.25 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1SclDrvVel_RadpS_M_f32	-90.3600006		
Prev2PreAttnComp_MtrNm_M_f32	-8.10000038		
Prev2ScIDrvVel_RadpS_M_f32	-120.230003		
ScaledDriverVel_MtrRadpS_T_f32	4.0999999		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	192		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0323400013		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.324499995		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.29999995		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.13450003		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584017		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.11698532	-2.11698532 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.33766556 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	4.0999999	4.0999999 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.3600006 ± 0.00390625	<b>✓</b>

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)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-7.5	
Prev1SclDrvVel_RadpS_M_f32	250.449997	
Prev2PreAttnComp_MtrNm_M_f32	-7.6999981	
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 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	250.449997 ± 0.00390625	<b>✓</b>

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.28 (Repeat Count = 1)		<u> </u>
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 Expe	ected Value Result
GenFddlcCmd()	452.265015 452.2	264984 ± 0.0009
Prev1PreAttnComp_MtrNm_M_f32	793.012634 793.0	012573 ± 0.0009
Prev1SclDrvVel_RadpS_M_f32	6075.08984 6075.	.08984 ± 0.00390625
Prev2PreAttnComp_MtrNm_M_f32	8.5 ±	0.00048828125
Prev2ScIDrvVel_RadpS_M_f32	5000.6499 5000.	.6499 ± 0.00390625

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



Test Step 2.29 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.5		
Prev1ScIDrvVel_RadpS_M_f32	-26.6499996		
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999		
Prev2ScIDrvVel_RadpS_M_f32	-10.1199999		
ScaledDriverVel_MtrRadpS_T_f32	6.0199998		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	6.01999998	6.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-26.6499996	-26.6499996 ± 0.00390625	~

Test Step Call Trace				<b>✓</b>
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	
Prev1ScIDrvVel_RadpS_M_f32	18.6000004	
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	
Prev2ScIDrvVel_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 Va	lue Result
GenFddlcCmd()	-0.336751729 ±	± 0.0000009
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367 -0.395451576 ±	± 0.0000009
Prev1SclDrvVel_RadpS_M_f32	-6.05999994 ±	0.00390625
Prev2PreAttnComp_MtrNm_M_f32	1.29999995 ± 0	0.00048828125
Prev2SclDrvVel_RadpS_M_f32	18.6000004 ± 0	0.00390625

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

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.29999995
Prev1SclDrvVel_RadpS_M_f32	-12917.2998
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2SclDrvVel_RadpS_M_f32	-900.359985
ScaledDriverVel_MtrRadpS_T_f32	-4.01999998
filtCoef_UIs_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					V
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1		<b>~</b>

Test Step 2.32 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.2999995		
Prev1SclDrvVel_RadpS_M_f32	12917.2998		
Prev2PreAttnComp_MtrNm_M_f32	5.5		
Prev2SclDrvVel_RadpS_M_f32	-2000.09998		
ScaledDriverVel_MtrRadpS_T_f32	-1.04999995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTbIX_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	1.61534405 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	5.30164194	5.30164194 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-1.04999995	-1.04999995 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	2.2999995	2.29999995 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.2998 ± 0.00390625	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.33 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.29999995
Prev1SclDrvVel_RadpS_M_f32	0
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001
Prev2SclDrvVel_RadpS_M_f32	3000
ScaledDriverVel_MtrRadpS_T_f32	2.05999994
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2720
t_FDD_AttenTblY_Uls_u8p8[0]	106
t_FDD_AttenTblY_Uls_u8p8[1]	109
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0132400002
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.305599988
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32000005
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454





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

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	12.0167923 ± 0.00009	~
Prev1ScIDrvVel_RadpS_M_f32	-2.04999995	-2.04999995 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.4000001	3.4000001 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-2000.02002	-2000.02002 ± 0.00390625	~

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

Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.4000001		
Prev1ScIDrvVel_RadpS_M_f32	2000.03003		
Prev2PreAttnComp_MtrNm_M_f32	-3.2999995		
Prev2ScIDrvVel_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 Exp	ected Value	Resul
GenFddlcCmd()	-4.80776691 -4.80	0776644 ± 0.000009	
Prev1PreAttnComp_MtrNm_M_f32	-7.64464808 -7.64	4464712 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	-350.019989 -350	0.019989 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.4000001 -3.40	000001 ± 0.00048828125	
Prev2SclDrvVel RadpS M f32	2000.03003 2000	0.03003 ± 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 2.36 (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	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.80000019 ± 0.00048828125	•
Prev2ScIDrvVel_RadpS_M_f32	-1000.40002	-1000.40002 ± 0.00390625	

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.37 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	8.80000019	
Prev1SclDrvVel_RadpS_M_f32	980.599976	
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	
Prev2SclDrvVel_RadpS_M_f32	6500.8501	
ScaledDriverVel_MtrRadpS_T_f32	4.05000019	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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	$6.12679434$ $6.12679625 \pm 0.000009$	•
Prev1ScIDrvVel_RadpS_M_f32	4.05000019 4.05000019 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	8.80000019 8.80000019 ± 0.00048828125	•
Prev2ScIDrvVel 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)			<b>✓</b>
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	<b>✓</b>

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		
Prev1ScIDrvVel_RadpS_M_f32	1500.05005		
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002		
Prev2SclDrvVel_RadpS_M_f32	6000.68994		
ScaledDriverVel_MtrRadpS_T_f32	5.9000001		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2720		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3200		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0534529984		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284563988		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00123419997		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56574988		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32785988		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.25640011		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.06544733	4.06544781 ± 0.000009	
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017981 ± 0.00009	✓
Prev1ScIDrvVel_RadpS_M_f32	5.900001	5.9000001 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	<b>✓</b>
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)	<b>✓</b>
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

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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	Resul
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 2.41 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	4.5999999	
Prev1ScIDrvVel_RadpS_M_f32	-1500.06006	
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	
Prev2ScIDrvVel_RadpS_M_f32	-9000.11035	
ScaledDriverVel_MtrRadpS_T_f32	1646.69995	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	1646.69995 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	4.5999999 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-1500.06006 -1500.06006 ± 0.00390625	-

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	-4.5999999	
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_UIs_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	
gt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84563994	





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.43419981		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.84499979		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.46749699	-1.46749687 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316195 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-6.80000019	-6.80000019 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.5999999 ± 0.00048828125	<b>✓</b>
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)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.69999981		
Prev1SclDrvVel_RadpS_M_f32	5000		
Prev2PreAttnComp_MtrNm_M_f32	0		
Prev2SclDrvVel_RadpS_M_f32	8000.6499		
ScaledDriverVel_MtrRadpS_T_f32	2412.05005		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3520		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0234200004		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.00123399997		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000243779999		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564009		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564018		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93452978		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-14.621316	-14.621316 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565	-19.5971565 ± 0.00009	•
Prev1SclDrvVel_RadpS_M_f32	2412.05005	2412.05005 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.69999981	5.69999981 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	5000	5000 ± 0.00390625	~

Test Step Call Trace				<b>✓</b>
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

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

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

Test Step 2.45 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.80000019		
Prev1SclDrvVel_RadpS_M_f32	600.090027		
Prev2PreAttnComp_MtrNm_M_f32	5.25		
Prev2ScIDrvVel_RadpS_M_f32	9000.62012		
ScaledDriverVel_MtrRadpS_T_f32	34.0600014		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00645000022		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167769998		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.540000021		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1456399		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.86493492		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.7456398		
Name	Actual Value	Expected Value	Result
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	~

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.46 (Repeat Count = 1)		<b>✓</b>
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_UIs_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	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886 -8.28110981 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	45.0600014 45.0600014 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	1.5 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel RadpS M f32	-400.049988 ± 0.00390625	<b>✓</b>

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	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	289.649994	289.649994 ± 0.00390625	<b>✓</b>

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)			<b>✓</b>
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	~
Prev1SclDrvVel_RadpS_M_f32	5266.06006	5266.06006 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-150	-150 ± 0.00390625	~

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

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

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00744999992		
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	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	4585.02002	4585.02002 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-2341.03003	-2341.03003 ± 0.00390625	<b>✓</b>

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

Test Step 2.50 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1ScIDrvVel_RadpS_M_f32	500.011993		
Prev2PreAttnComp_MtrNm_M_f32	2.2999995		
Prev2ScIDrvVel_RadpS_M_f32	12000		
ScaledDriverVel_MtrRadpS_T_f32	3.01999998		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00844999962		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.303600013		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.6456399		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452002		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.95908308	4.9590807 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.9590807 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	3.01999998	3.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	500.011993	500.011993 ± 0.00390625	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.51 (Repeat Count = 1)		~
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	4.5	
Prev1SclDrvVel_RadpS_M_f32	385.032013	
Prev2PreAttnComp_MtrNm_M_f32	-1.70000005	
Prev2SclDrvVel_RadpS_M_f32	-10712.3203	
ScaledDriverVel_MtrRadpS_T_f32	-7.01999998	
filtCoef_Uls_T_Str	tgt_filtCoef_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	

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.42339993		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77452993		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	8.95816231	8.95816231 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	36.4014206	36.4014206 ± 0.00009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-7.01999998	-7.01999998 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	385.032013	385.032013 ± 0.00390625	~

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

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ADDCoefCalc

Project 9BXX\_FrqDepDmpnInrtCmp

Module FDD\_Inertia
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 -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/Descripti	
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 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".
	***************************************

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\9BXX_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



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

#### Specification

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

CPU Cycles:

TS1.1 1409.00 Cycles 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 TS1.5 TS1.6 TS1.7 TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 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 TS1.29 TS1.30 TS1.31 TS1.32 TS1.33 TS1.35 TS1.36 TS1.37

#### Description

#### **Test Vector Description**

TS1 1 All min

TS1 17

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

TS1.16

TS1.18

TS1.19

t\_DmpADDCoefX\_MtrNm\_u4p12[10] max
t\_DmpADDCoefX\_MtrNm\_u4p12[10] pos
t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] min
t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] max
t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] max
t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] min
t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] max
t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] max
t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] pos
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] max
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] max
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos
t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos TS1.20 TS1.21

TS1.22

TS1.23

TS1.24

TS1.25

TS1.26 TS1.27

t\_WIRBIndTbIX\_MtrNm\_u8p8[5] min t\_WIRBIndTbIX\_MtrNm\_u8p8[5] max t\_WIRBIndTbIX\_MtrNm\_u8p8[5] pos TS1.28

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 t\_CmnVehSpd\_Kph\_u9p7[12] min
TS1.33 t\_CmnVehSpd\_Kph\_u9p7[12] min
TS1.33 t\_CmnVehSpd\_Kph\_u9p7[12] max
TS1.34 t\_CmnVehSpd\_Kph\_u9p7[12] pos
TS1.35 t\_FDD\_BlendTblY\_Uls\_u8p8[12] min
TS1.36 t\_FDD\_BlendTblY\_Uls\_u8p8[12] max
TS1.37 t\_FDD\_BlendTblY\_Uls\_u8p8[12] pos

Test Step 1.1 (Repeat Count = 1) Input Value Name BaseAssistCmd\_MtrNm\_T\_f32 -8.80000019 VehicleSpeed\_Kph\_T\_f32 0  $WIRCmdAmpBInd\_MtrNm\_T\_f32$ n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][0] 0 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][2] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][3] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][4] 0 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5] 0

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ADDCoefCalc

Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]	0		
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]	0		
t_DmpADDCoefX_MtrNm_u4p12[5]	0		
t_DmpADDCoefX_MtrNm_u4p12[6]	0		
t_DmpADDCoefX_MtrNm_u4p12[7]	0		
t_DmpADDCoefX_MtrNm_u4p12[8]	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0		
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[9]	0		
t_FDD_BlendTblY_Uls_u8p8[0]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTblY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
t_FDD_BlendTblY_Uls_u8p8[10]	0		
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0	0 ± 0.000009	



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

Test Step 1.2 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	8.80000019	
VehicleSpeed_Kph_T_f32	511.992188	
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	6554	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554	
t_CmnVehSpd_Kph_u9p7[0]	32640	
t_CmnVehSpd_Kph_u9p7[1]	32640	
t_CmnVehSpd_Kph_u9p7[2]	32640	
t_CmnVehSpd_Kph_u9p7[3]	32640	
t_CmnVehSpd_Kph_u9p7[4]	32640	
t_CmnVehSpd_Kph_u9p7[5]	32640	
t_CmnVehSpd_Kph_u9p7[6]	32640	
t_CmnVehSpd_Kph_u9p7[7]	32640	
t_CmnVehSpd_Kph_u9p7[8]	32640	
t_CmnVehSpd_Kph_u9p7[9]	32640	
t_CmnVehSpd_Kph_u9p7[10]	32640	
t_CmnVehSpd_Kph_u9p7[11]	32640	
t_DmpADDCoefX_MtrNm_u4p12[0]	36045	
t_DmpADDCoefX_MtrNm_u4p12[1]	36045	
t_DmpADDCoefX_MtrNm_u4p12[2]	36045 36045	
t_DmpADDCoefX_MtrNm_u4p12[3]	36045	
t_DmpADDCoefX_MtrNm_u4p12[4] 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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	6554	
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[4]	6554	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	6554	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	6554	
t_FDD_BlendTblY_Uls_u8p8[0]	256	
t_FDD_BlendTblY_Uls_u8p8[1]	256	
t_FDD_BlendTblY_Uls_u8p8[2]	256	
t_FDD_BlendTblY_Uls_u8p8[3]	256	
t_FDD_BlendTblY_Uls_u8p8[4]	256	
t_FDD_BlendTblY_Uls_u8p8[5]	256	
t_FDD_BlendTblY_Uls_u8p8[6]	256	
t_FDD_BlendTblY_Uls_u8p8[7]	256	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	16384		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0500030518	0.0500030518 ± 0.00000009	<b>✓</b>

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.3 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.80000019
VehicleSpeed_Kph_T_f32	12.3199997
WIRCmdAmpBlnd_MtrNm_T_f32	5.19999981
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553

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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_UIs_u8p8[0]       3         t_FDD_BlendTblY_UIs_u8p8[1]       5         t_FDD_BlendTblY_UIs_u8p8[2]       8         t_FDD_BlendTblY_UIs_u8p8[3]       10         t_FDD_BlendTblY_UIs_u8p8[4]       13         t_FDD_BlendTblY_UIs_u8p8[5]       15         t_FDD_BlendTblY_UIs_u8p8[6]       18         t_FDD_BlendTblY_UIs_u8p8[7]       20         t_FDD_BlendTblY_UIs_u8p8[9]       26         t_FDD_BlendTblY_UIs_u8p8[9]       26         t_FDD_BlendTblY_UIs_u8p8[10]       28         t_FDD_BlendTblY_UIs_u8p8[11]       31         t_RIAstWIRBIndTblY_UIs_u8p8[11]       1638		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]       3099         t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]       3614         t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]       4129         t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]       4644         t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]       5159         t_FDD_BlendTbIY_Uis_u8p8[0]       3         t_FDD_BlendTbIY_Uis_u8p8[1]       5         t_FDD_BlendTbIY_Uis_u8p8[2]       8         t_FDD_BlendTbIY_Uis_u8p8[3]       10         t_FDD_BlendTbIY_Uis_u8p8[4]       13         t_FDD_BlendTbIY_Uis_u8p8[5]       15         t_FDD_BlendTbIY_Uis_u8p8[6]       18         t_FDD_BlendTbIY_Uis_u8p8[7]       20         t_FDD_BlendTbIY_Uis_u8p8[8]       23         t_FDD_BlendTbIY_Uis_u8p8[9]       26         t_FDD_BlendTbIY_Uis_u8p8[10]       28         t_FDD_BlendTbIY_Uis_u8p8[11]       31		
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[9]       26         t_FDD_BlendTblY_Uls_u8p8[10]       28         t_FDD_BlendTblY_Uls_u8p8[11]       31		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]       4129         t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]       4644         t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]       5159         t_FDD_BlendTblY_UIs_u8p8[0]       3         t_FDD_BlendTblY_UIs_u8p8[1]       5         t_FDD_BlendTblY_UIs_u8p8[2]       8         t_FDD_BlendTblY_UIs_u8p8[3]       10         t_FDD_BlendTblY_UIs_u8p8[4]       13         t_FDD_BlendTblY_UIs_u8p8[5]       15         t_FDD_BlendTblY_UIs_u8p8[6]       18         t_FDD_BlendTblY_UIs_u8p8[7]       20         t_FDD_BlendTblY_UIs_u8p8[8]       23         t_FDD_BlendTblY_UIs_u8p8[9]       26         t_FDD_BlendTblY_UIs_u8p8[10]       28         t_FDD_BlendTblY_UIs_u8p8[11]       31		
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_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 FDD_BlendTbIY_UIs_u8p8[0]       3         t_FDD_BlendTbIY_UIs_u8p8[1]       5         t_FDD_BlendTbIY_UIs_u8p8[2]       8         t_FDD_BlendTbIY_UIs_u8p8[3]       10         t_FDD_BlendTbIY_UIs_u8p8[4]       13         t_FDD_BlendTbIY_UIs_u8p8[5]       15         t_FDD_BlendTbIY_UIs_u8p8[6]       18         t_FDD_BlendTbIY_UIs_u8p8[7]       20         t_FDD_BlendTbIY_UIs_u8p8[8]       23         t_FDD_BlendTbIY_UIs_u8p8[9]       26         t_FDD_BlendTbIY_UIs_u8p8[10]       28         t_FDD_BlendTbIY_UIs_u8p8[11]       31		
t_FDD_BlendTblY_Uis_u8p8[1]       5         t_FDD_BlendTblY_Uis_u8p8[2]       8         t_FDD_BlendTblY_Uis_u8p8[3]       10         t_FDD_BlendTblY_Uis_u8p8[4]       13         t_FDD_BlendTblY_Uis_u8p8[5]       15         t_FDD_BlendTblY_Uis_u8p8[6]       18         t_FDD_BlendTblY_Uis_u8p8[7]       20         t_FDD_BlendTblY_Uis_u8p8[8]       23         t_FDD_BlendTblY_Uis_u8p8[9]       26         t_FDD_BlendTblY_Uis_u8p8[10]       28         t_FDD_BlendTblY_Uis_u8p8[11]       31		
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_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_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_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_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_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_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_FDD_BlendTblY_Uls_u8p8[9]       26         t_FDD_BlendTblY_Uls_u8p8[10]       28         t_FDD_BlendTblY_Uls_u8p8[11]       31		
t_FDD_BlendTblY_Uls_u8p8[10]       28         t_FDD_BlendTblY_Uls_u8p8[11]       31		
t_FDD_BlendTblY_Uls_u8p8[11] 31		
2 2 7 7 2 2 2 2 7 7 7		
+ DIActM/IDPIndTbIV LIIc u2c14[0]		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] 1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1] 3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2] 4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3] 6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4] 8192		
t_WIRBIndTblX_MtrNm_u8p8[0] 282		
t_WIRBIndTblX_MtrNm_u8p8[1] 307		
t_WIRBIndTblX_MtrNm_u8p8[2] 333		
t_WIRBIndTblX_MtrNm_u8p8[3] 358		
t_WIRBIndTblX_MtrNm_u8p8[4] 384		
Name Actual Value	Expected Value	Result
ADDCoefCalc() 0.0369348824	0.0369348824 ± 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 1.4 (Repeat Count = 1)	J. Committee of the com
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.80000019
VehicleSpeed Kph T f32	24
WIRCmdAmpBInd MtrNm T f32	6.5
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]	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

ADDCoefCalc

ADDCoefCalc()

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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_RIAstWIRBIndTblY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t RIAstWIRBIndTbIY Uls u2p14[2]	6554		
t RIAstWIRBIndTblY Uls 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_WIRBIndTblX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Result

Test Step Call Trace				<b>✓</b>	
Actu	al Function	Count	Expected Function	Count	Result
IntplV	arXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	_

0.013426058

0.013426058 ± 0.00000009

Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	0	
VehicleSpeed_Kph_T_f32	36.25	
WIRCmdAmpBlnd_MtrNm_T_f32	7.30000019	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924	

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034		
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]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t CmnVehSpd Kph u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpADDCoefX_MtrNm_u4p12[0]	12698		
t_DmpADDCoefX_MtrNm_u4p12[1]	13107		
t_DmpADDCoefX_MtrNm_u4p12[2]	13517		
t_DmpADDCoefX_MtrNm_u4p12[3]	13926		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793		
t_FDD_BlendTblY_Uls_u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uis_u8p8[11]	38		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	870 896		
		Evnosted Value	D
Name ADDCoefCalc()	Actual Value 0.00668188976	Expected Value 0.00668189023 ± 0.000000009	Result

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





Test Step 1.6 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	5.25
VehicleSpeed_Kph_T_f32	48.1199989
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_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0174616091	0.0174616072 ± 0.00000009	<b>✓</b>

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

Test Step 1.7 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	-5.4499981
VehicleSpeed_Kph_T_f32	60 5 10000001
WIRCmdAmpBlnd_MtrNm_T_f32	5.19999981
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	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_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][9]	1066
	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1506
	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 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][7]	2240
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[1][9]	2387
t_CmnVehSpd_Kph_u9p7[0]	2560
t CmnVehSpd Kph u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	20890
t_DmpADDCoefX_MtrNm_u4p12[1]	21299
t_DmpADDCoefX_MtrNm_u4p12[2]	21709
t DmpADDCoefX MtrNm u4p12[3]	22118
t DmpADDCoefX MtrNm u4p12[4]	22528
t DmpADDCoefX MtrNm u4p12[5]	22938
t_DmpADDCoefX_MtrNm_u4p12[6]	23347
t DmpADDCoefX MtrNm u4p12[7]	23757
t_DmpADDCoefX_MtrNm_u4p12[8]	24166
t_DmpADDCoefX_MtrNm_u4p12[9]	24576
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774
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ADDCoefCalc

Name

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

Test Step 1.8 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.10000002	
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_ADDRollingTbIYM_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	<b>✓</b>

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)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.20000005
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBlnd_MtrNm_T_f32	8.80000019
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480

ADDCoefCalc

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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 31539 t\_DmpADDCoefX\_MtrNm\_u4p12[8] t\_DmpADDCoefX\_MtrNm\_u4p12[9] 31949 1608  $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0]$ 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

Name	1869 Actual Value	Expected Value	Result
	1869		
t_WIRBIndTblX_MtrNm_u8p8[4]			
t_WIRBIndTblX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uis_u2p14[0]	3277		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[2]	26		
t FDD BlendTblY Uls u8p8[1]	23		
t FDD BlendTblY Uls u8p8[0]	20		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t FDD ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.10 (Repeat Count = 1)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.29999995	
VehicleSpeed_Kph_T_f32	96.1399994	
WIRCmdAmpBInd_MtrNm_T_f32	4.25	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	

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Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][4] 2340 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][5] 2568 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6] 2796  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7]$ 3024 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][8] 3252 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 3480 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0] 1608  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][1]$ 2032 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 2455  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3]$ 2878 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 3302 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5] 3725 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 4148  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][7]$ 4572 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 4995  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ 5419 t\_CmnVehSpd\_Kph\_u9p7[0] 10368 t CmnVehSpd Kph u9p7[1] 10496  $t\_CmnVehSpd\_Kph\_u9p7[2]$ 10624 10752 t CmnVehSpd Kph u9p7[3] t\_CmnVehSpd\_Kph\_u9p7[4] 10880 t\_CmnVehSpd\_Kph\_u9p7[5] 11008 t\_CmnVehSpd\_Kph\_u9p7[6] 11136 t\_CmnVehSpd\_Kph\_u9p7[7] 11264 t\_CmnVehSpd\_Kph\_u9p7[8] 11392 11520 t\_CmnVehSpd\_Kph\_u9p7[9] t\_CmnVehSpd\_Kph\_u9p7[10] 11648 t\_CmnVehSpd\_Kph\_u9p7[11] 11776 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 24986 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 25395 25805 t DmpADDCoefX MtrNm u4p12[2] t\_DmpADDCoefX\_MtrNm\_u4p12[3] 26214 t DmpADDCoefX MtrNm u4p12[4] 26624 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 27034 27443 t\_DmpADDCoefX\_MtrNm\_u4p12[6] t DmpADDCoefX\_MtrNm\_u4p12[7] 27853 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 28262 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 28672 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 1789 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 2130 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 2471 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 2811 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 3152 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 3493 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 3834 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 4175 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] 4515 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[9] 4856 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 49 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 51 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 54 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 57 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 60 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 63 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 66 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 68 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 71 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 74 t\_FDD\_BlendTblY\_Uls\_u8p8[10] 77 t\_FDD\_BlendTblY\_Uls\_u8p8[11] 80 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0] 4915 t\_RIAstWIRBIndTblY\_Uls\_u2p14[1] 6554  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[2]$ 8192 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3] 9830 t\_RIAstWIRBIndTblY\_Uls\_u2p14[4] 11469 t WIRBIndTbIX MtrNm u8p8[0] 410 t\_WIRBIndTbIX\_MtrNm\_u8p8[1] 435 t WIRBIndTbIX MtrNm u8p8[2] 461 t\_WIRBIndTbIX\_MtrNm\_u8p8[3] 486 t\_WIRBIndTbIX\_MtrNm\_u8p8[4] 512 Name **Actual Value Expected Value** Result ADDCoefCalc()  $0.0130879926 \pm 0.00000009$ 0.0130879935



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

Test Step 1.11 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.3999998	
VehicleSpeed_Kph_T_f32	0	
WIRCmdAmpBlnd_MtrNm_T_f32	1.10000002	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1608 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_ADDRollingTbIYM_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 3834	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4175	
t2_FDD_ADDRollingToFM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856	
t_CmnVehSpd_Kph_u9p7[0]	5248	
t CmnVehSpd Kph u9p7[1]	5376	
t_CmnVehSpd_Kph_u9p7[2]	5504	
t_CmnVehSpd_Kph_u9p7[3]	5632	
t_CmnVehSpd_Kph_u9p7[4]	5760	
t_CmnVehSpd_Kph_u9p7[5]	5888	
t_CmnVehSpd_Kph_u9p7[6]	6016	
t_CmnVehSpd_Kph_u9p7[7]	6144	
t_CmnVehSpd_Kph_u9p7[8]	6272	
t_CmnVehSpd_Kph_u9p7[9]	6400	
t_CmnVehSpd_Kph_u9p7[10]	6528	
t_CmnVehSpd_Kph_u9p7[11]	6656	
t_DmpADDCoefX_MtrNm_u4p12[0]	28262 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]	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] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1160 1326	
t_FDD_ADDStatic16IY_MtrNmpRadpS_um1p17[7]  t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]  t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
t_FDD_BlendTblY_Uls_u8p8[0]	65	
t_FDD_BlendTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[2]	70	
t_FDD_BlendTblY_Uls_u8p8[3]	73	
t_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	86	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00417164806	0.00417164806 ± 0.00000000	

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.12 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed Kph T f32	511.992188
WIRCmdAmpBlnd_MtrNm_T_f32	1.20000005
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024

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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_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()	0.0185419321	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.13 (Repeat Count = 1)	J.
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.60000002
VehicleSpeed Kph T f32	100.209999
WIRCmdAmpBlnd MtrNm T f32	1,2999995
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	2455
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2878
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3302
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	3725
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152

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ADDCoefCalc	2015-10-26, 10:57:29+0530	Razorcat
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[1]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1259	
t WIRBIndTbiX MtrNm u8p8[4]	1280	
	1200	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	5	IntplVarXY u16 u16Xu16Y Cnt	5	<b>✓</b>

**Actual Value** 

0.00872414559

**Expected Value** 

0.00872414559 ± 0.000000009

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	1.3999998	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494	

Name

ADDCoefCalc()

Result

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800 14080		
t_CmnVehSpd_Kph_u9p7[9]	15360		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11] t DmpADDCoefX MtrNm u4p12[0]	16640 0		
	0		
t_DmpADDCoefX_MtrNm_u4p12[1]			
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]			
t_DmpADDCoefX_MtrNm_u4p12[5] t DmpADDCoefX_MtrNm_u4p12[6]	0		
	0		
t_DmpADDCoefX_MtrNm_u4p12[7] t DmpADDCoefX_MtrNm_u4p12[8]	0		
	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	144		
t_FDD_BlendTblY_Uls_u8p8[1]	146		
t_FDD_BlendTblY_Uls_u8p8[2]	149		
t FDD BlendTblY Uls u8p8[3]	152		
t_FDD_BlendTblY_Uls_u8p8[4]	154		
t_FDD_BlendTblY_Uls_u8p8[5]	157		
t_FDD_BlendTblY_Uls_u8p8[6]	159		
t_FDD_BlendTblY_Uls_u8p8[7]	162		
t_FDD_BlendTblY_Uls_u8p8[8]	164		
t FDD BlendTblY Uls u8p8[9]	167		
t FDD BlendTblY Uls u8p8[10]	169		
t_FDD_BlendTblY_Uls_u8p8[11]	172		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t RIAstWIRBIndTbIY UIs u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434		
t_WIRBIndTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t_WIRBIndTblX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
	Actual Value	Expected Value	Result
Name			

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	<b>✓</b>

Test Step Call Trace				<b>✓</b>	
	Actual Function	Count	Expected Function	Count	Result
	IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.16 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	1.8999998
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
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	128
t CmnVehSpd Kph u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t DmpADDCoefX MtrNm u4p12[2]	9421
t_DmpADDCoefX_MtrNm_u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t DmpADDCoefX MtrNm u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387

ADDCoefCalc





Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTbIY_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
ADDCoefCalc()	0.00236540218	0.00236540195 ± 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 1.17 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	2	
VehicleSpeed_Kph_T_f32	144.25	
WIRCmdAmpBInd_MtrNm_T_f32	1.70000005	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_DmpADDCoefX_MtrNm_u4p12[0]	4506	
t_DmpADDCoefX_MtrNm_u4p12[1]	4915	
t_DmpADDCoefX_MtrNm_u4p12[2]	5325	
t_DmpADDCoefX_MtrNm_u4p12[3]	5734	

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_BlendTbIY_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_BlendTbIY_Uls_u8p8[5]	15		
t_FDD_BlendTblY_Uls_u8p8[6]	18		
t_FDD_BlendTbIY_Uls_u8p8[7]	20		
t_FDD_BlendTblY_Uls_u8p8[8]	23		
t_FDD_BlendTblY_Uls_u8p8[9]	26		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	<b>✓</b>

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

Test Step 1.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.119995
WIRCmdAmpBInd_MtrNm_T_f32	1.7999995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409

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ADDCoercaic		(azer	<i>J</i> C10
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTblY_Uls_u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00810782239	0.00810782332 ± 0.000000009	

Test Step Call Trace			<b>✓</b>	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.19 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-2
VehicleSpeed_Kph_T_f32	168
WIRCmdAmpBlnd_MtrNm_T_f32	1.89999998
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112





Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][4]	2583		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t CmnVehSpd Kph u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	12698		
t_DmpADDCoefX_MtrNm_u4p12[1]	13107		
t_DmpADDCoefX_MtrNm_u4p12[2]	13517		
t_DmpADDCoefX_MtrNm_u4p12[3]	13926		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t_FDD_BlendTblY_Uls_u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t_FDD_BlendTblY_Uls_u8p8[6]	26		
t_FDD_BlendTblY_Uls_u8p8[7]	28		
t_FDD_BlendTblY_Uls_u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t_FDD_BlendTblY_Uls_u8p8[11]	38		
t_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_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695	
t_FDD_BlendTblY_Uls_u8p8[0]	13	
t_FDD_BlendTblY_Uls_u8p8[1]	15	
t_FDD_BlendTblY_Uls_u8p8[2]	18	
t_FDD_BlendTblY_Uls_u8p8[3]	20	
t_FDD_BlendTblY_Uls_u8p8[4]	23	
t_FDD_BlendTblY_Uls_u8p8[5]	26	
t_FDD_BlendTblY_Uls_u8p8[6]	28	
t_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTblY_Uls_u8p8[8]	33	





Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	36		
t_FDD_BlendTblY_Uls_u8p8[10]	38		
t_FDD_BlendTblY_Uls_u8p8[11]	41		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00464858953	0.00464858999 ± 0.000000009	~

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-4	
VehicleSpeed Kph T f32	192	
WIRCmdAmpBlnd_MtrNm_T_f32	2.0999999	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	683	
2_FDD_ADDRollingTblYM MtrNmpRadpS_um1p17[0][1] 2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024	
2_FDD_ADDRollingTbIYM MtrNmpRadpS_um1p17[0][3]	1364	
	1705	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2046	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2387	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]		
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554	
_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]	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	
	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	

ADDCoefCalc

ADDCoefCalc()

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

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

0.00929849967

0.00929849967 ± 0.000000009

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

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ADDCoetCaic		Taboltab
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_BlendTbIY_Uls_u8p8[9]	41	
t_FDD_BlendTblY_Uls_u8p8[10]	44	
t_FDD_BlendTblY_Uls_u8p8[11]	46	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830	

Name		Actual Value	Expected Value		Result
ADDCoefCalc()		0.00246831775	0.00246831798 ± 0.000000009		~
Test Step Call Trace					<b>✓</b>
Actual Function	Count	Expected Function		Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt		5	~

11469

13107

14746

1178

1203

1229

1254

1280

Test Step 1.23 (Repeat Count = 1)		<u> </u>
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553	

t\_RIAstWIRBIndTbIY\_Uls\_u2p14[2]

t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3]

t\_RIAstWIRBIndTbIY\_Uls\_u2p14[4]

t\_WIRBIndTbIX\_MtrNm\_u8p8[0]

t\_WIRBIndTbIX\_MtrNm\_u8p8[1]

t\_WIRBIndTbIX\_MtrNm\_u8p8[2]

t\_WIRBIndTbIX\_MtrNm\_u8p8[3]

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

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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_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]	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)	<b>→</b>
	Input Value
	-7
VehicleSpeed_Kph_T_f32	228.25
WIRCmdAmpBInd_MtrNm_T_f32	2.4000001
	885
	986
	1087
	1188 1288
	1389
	1490
	1591
	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
	814
	924
	1034
	1144 1254
	1364
, _ , _ , _ , _ , _ , _ ,	1475
	1585
	1695
	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
_	6400
	7680
	8960
	10240 11520
_	12800
_	14080
	15360
	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
	4915
	5325
	5734
	6144
	6554 6963
	7373
	7782
	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
	6554
	6554
	6554
	6554 6554
	6554 6554
	6554
	6554
	49
	51
	54
	57
	60
	63
	66
	68
	71 74
	77
	80
	3277
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277 4915
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	





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

Test Step Call Trace				<b>✓</b>	
	Actual Function	Count	Expected Function	Count	Result
	IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.25 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	-8
VehicleSpeed_Kph_T_f32	240
WIRCmdAmpBInd_MtrNm_T_f32	2.5
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1653
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1389
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	1490
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[1][9]	1793
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t DmpADDCoefX MtrNm u4p12[2]	9421
t DmpADDCoefX MtrNm u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t DmpADDCoefX MtrNm u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t DmpADDCoefX MtrNm u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	683
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[1]	1024
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[2]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409
CT DD_VDDQ(q((CLD)) Tivi((All)) Landa Till (All)	VTUU

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	65		
t_FDD_BlendTblY_Uls_u8p8[1]	68		
t_FDD_BlendTblY_Uls_u8p8[2]	70		
t_FDD_BlendTblY_Uls_u8p8[3]	73		
t_FDD_BlendTblY_Uls_u8p8[4]	75		
t_FDD_BlendTblY_Uls_u8p8[5]	78		
t_FDD_BlendTblY_Uls_u8p8[6]	80		
t_FDD_BlendTblY_Uls_u8p8[7]	83		
t_FDD_BlendTblY_Uls_u8p8[8]	86		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_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)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	3
VehicleSpeed_Kph_T_f32	252.240005
WIRCmdAmpBInd_MtrNm_T_f32	2.5999999
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1]	13107
t_DmpADDCoefX_MtrNm_u4p12[2]	13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926

ADDCoefCalc



Name	Input Value	
t DmpADDCoefX MtrNm u4p12[4]	14336	
t DmpADDCoefX MtrNm u4p12[5]	14746	
t DmpADDCoefX MtrNm u4p12[6]	15155	
t DmpADDCoefX MtrNm u4p12[7]	15565	
t DmpADDCoefX MtrNm u4p12[8]	15974	
t DmpADDCoefX MtrNm u4p12[9]	16384	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	1608	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	2455	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[3]	2878	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[4]	3302	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[5]	3725	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	4148	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[8]	4995	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419	
t_FDD_BlendTblY_Uls_u8p8[0]	93	
t_FDD_BlendTblY_Uls_u8p8[1]	96	
t_FDD_BlendTblY_Uls_u8p8[2]	99	
t_FDD_BlendTblY_Uls_u8p8[3]	101	
t_FDD_BlendTblY_Uls_u8p8[4]	104	
t_FDD_BlendTblY_Uls_u8p8[5]	106	
t_FDD_BlendTblY_Uls_u8p8[6]	109	
t_FDD_BlendTblY_Uls_u8p8[7]	111	
t_FDD_BlendTblY_Uls_u8p8[8]	114	
t_FDD_BlendTblY_Uls_u8p8[9]	116	
t_FDD_BlendTblY_Uls_u8p8[10]	119	
t_FDD_BlendTblY_Uls_u8p8[11]	122	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	00009

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

Test Step 1.27 (Repeat Count = 1)	<b>✓</b>
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

ADDCoefCalc

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]

t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0]

t\_RIAstWIRBIndTblY\_Uls\_u2p14[1]

t\_RIAstWIRBIndTbIY\_UIs\_u2p14[2] t\_RIAstWIRBIndTbIY\_UIs\_u2p14[3]

t\_RIAstWIRBIndTbIY\_Uls\_u2p14[4]

t\_WIRBIndTbIX\_MtrNm\_u8p8[0]

t\_WIRBIndTblX\_MtrNm\_u8p8[1]

t\_WIRBIndTbIX\_MtrNm\_u8p8[2]

t\_WIRBIndTbIX\_MtrNm\_u8p8[3]

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

Name

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Name	Input Value
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240
t_CmnVehSpd_Kph_u9p7[7]	11520
t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[2]	17613
t_DmpADDCoefX_MtrNm_u4p12[3]	18022
t_DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t_DmpADDCoefX_MtrNm_u4p12[6]	19251
t_DmpADDCoefX_MtrNm_u4p12[7]	19661
t_DmpADDCoefX_MtrNm_u4p12[8]	20070
t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
t FDD BlendTblY Uls u8p8[0]	116

118

121

123

126

129

131

134

136

139

141

144

8192

9830 11469

13107

14746

2048

2048

2048

2048

2048

ADDCoefCalc()		0.0117070675	0.0117070666 ± 0.00000009		~
Test Step Call Trace					✓
Actual Function	Count	Expected Function		Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt		5	~

**Actual Value** 

**Expected Value** 

Test Step 1.28 (Repeat Count = 1)		V
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	5	
VehicleSpeed_Kph_T_f32	276.140015	
WIRCmdAmpBInd_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	

Result





Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1655		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2112		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2340		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2568		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3024		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3480		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
	20890		
t_DmpADDCoefX_MtrNm_u4p12[0]	21299		
t_DmpADDCoefX_MtrNm_u4p12[1]			
t_DmpADDCoefX_MtrNm_u4p12[2]	21709		
t_DmpADDCoefX_MtrNm_u4p12[3]	22118		
t_DmpADDCoefX_MtrNm_u4p12[4]	22528		
t_DmpADDCoefX_MtrNm_u4p12[5]	22938		
t_DmpADDCoefX_MtrNm_u4p12[6]	23347		
t_DmpADDCoefX_MtrNm_u4p12[7]	23757		
t_DmpADDCoefX_MtrNm_u4p12[8]	24166		
t_DmpADDCoefX_MtrNm_u4p12[9]	24576		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	144		
t_FDD_BlendTblY_Uls_u8p8[1]	146		
t_FDD_BlendTblY_Uls_u8p8[2]	149		
t_FDD_BlendTblY_Uls_u8p8[3]	152		
t_FDD_BlendTblY_Uls_u8p8[4]	154		
t_FDD_BlendTblY_Uls_u8p8[5]	157		
t_FDD_BlendTblY_Uls_u8p8[6]	159		
t_FDD_BlendTblY_Uls_u8p8[7]	162		
t_FDD_BlendTblY_Uls_u8p8[8]	164		
t_FDD_BlendTblY_Uls_u8p8[9]	167		
t_FDD_BlendTblY_Uls_u8p8[10]			
t_i DD_bierid tbi i _Ois_dopo[10]	169		
t_FDD_BlendTblY_Uls_u8p8[11]	169 172		
t_FDD_BlendTbIY_Uls_u8p8[11]	172		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBindTblY_Uls_u2p14[0]	172 6554		
t_FDD_BlendTblY_Uls_u8p8[11] t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1] t_RIAstWIRBIndTblY_Uls_u2p14[2]	172 6554 8192		
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]	172 6554 8192 9830 11469		
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]	172 6554 8192 9830 11469 13107		
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]	172 6554 8192 9830 11469 13107		
t_FDD_BlendTblY_Uls_u8p8[11]  t_RlAstWlRBindTblY_Uls_u2p14[0]  t_RlAstWlRBindTblY_Uls_u2p14[1]  t_RlAstWlRBindTblY_Uls_u2p14[2]  t_RlAstWlRBindTblY_Uls_u2p14[3]  t_RlAstWlRBindTblY_Uls_u2p14[4]  t_WlRBindTblX_MtrNm_u8p8[0]  t_WlRBindTblX_MtrNm_u8p8[1]	172 6554 8192 9830 11469 13107 1178		
t_FDD_BlendTblY_Uls_u8p8[11]  t_RlAstWlRBindTblY_Uls_u2p14[0]  t_RlAstWlRBindTblY_Uls_u2p14[1]  t_RlAstWlRBindTblY_Uls_u2p14[2]  t_RlAstWlRBindTblY_Uls_u2p14[3]  t_RlAstWlRBindTblY_Uls_u2p14[4]  t_WlRBindTblX_MtrNm_u8p8[0]  t_WlRBindTblX_MtrNm_u8p8[1]  t_WlRBindTblX_MtrNm_u8p8[2]	172 6554 8192 9830 11469 13107 1178 1203		
t_FDD_BlendTblY_Uls_u8p8[11]  t_RlAstWlRBindTblY_Uls_u2p14[0]  t_RlAstWlRBindTblY_Uls_u2p14[1]  t_RlAstWlRBindTblY_Uls_u2p14[2]  t_RlAstWlRBindTblY_Uls_u2p14[3]  t_RlAstWlRBindTblY_Uls_u2p14[4]  t_WlRBindTblX_MtrNm_u8p8[0]  t_WlRBindTblX_MtrNm_u8p8[1]  t_WlRBindTblX_MtrNm_u8p8[2]  t_WlRBindTblX_MtrNm_u8p8[3]	172 6554 8192 9830 11469 13107 1178 1203 1229		
t_FDD_BlendTblY_Uls_u8p8[11]  t_RlAstWlRBindTblY_Uls_u2p14[0]  t_RlAstWlRBindTblY_Uls_u2p14[1]  t_RlAstWlRBindTblY_Uls_u2p14[2]  t_RlAstWlRBindTblY_Uls_u2p14[3]  t_RlAstWlRBindTblY_Uls_u2p14[4]  t_WlRBindTblX_MtrNm_u8p8[0]  t_WlRBindTblX_MtrNm_u8p8[1]  t_WlRBindTblX_MtrNm_u8p8[2]  t_WlRBindTblX_MtrNm_u8p8[3]  t_WlRBindTblX_MtrNm_u8p8[3]  t_WlRBindTblX_MtrNm_u8p8[4]	172 6554 8192 9830 11469 13107 1178 1203 1229 1254	Evaceted Value	Pose III
t_FDD_BlendTblY_Uls_u8p8[11]  t_RlAstWlRBindTblY_Uls_u2p14[0]  t_RlAstWlRBindTblY_Uls_u2p14[1]  t_RlAstWlRBindTblY_Uls_u2p14[2]  t_RlAstWlRBindTblY_Uls_u2p14[3]  t_RlAstWlRBindTblY_Uls_u2p14[4]  t_WlRBindTblX_MtrNm_u8p8[0]  t_WlRBindTblX_MtrNm_u8p8[1]  t_WlRBindTblX_MtrNm_u8p8[2]  t_WlRBindTblX_MtrNm_u8p8[3]	172 6554 8192 9830 11469 13107 1178 1203 1229	Expected Value 0.0118969213 ± 0.0000009	Result





Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.29 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	6
VehicleSpeed_Kph_T_f32	288
WIRCmdAmpBInd_MtrNm_T_f32	2.9000001
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_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 1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0] 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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	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_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[3]	2471 2811
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3493
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTbIY_Uls_u8p8[8]	189

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	191		
t_FDD_BlendTblY_Uls_u8p8[10]	193		
t_FDD_BlendTblY_Uls_u8p8[11]	195		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333		
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				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

T4 04 4 00 (D4 04 1)	
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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	328
t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	494

ADDCoefCalc



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

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

Test Step 1.31 (Repeat Count = 1)	J.
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8
VehicleSpeed Kph T f32	312
WIRCmdAmpBlnd MtrNm T f32	3.099999
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272

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

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Intnl\/arXV_u16_u16Yu16V_Cnt	5	IntolVarXV u16 u16Xu16V 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_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024	

ADDCoefCalc

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Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][3] 1364 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 1705 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5] 2046 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 2387 t2 FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][7] 2728 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 3068 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9] 3409 t\_CmnVehSpd\_Kph\_u9p7[0] 0 t\_CmnVehSpd\_Kph\_u9p7[1] 0 t\_CmnVehSpd\_Kph\_u9p7[2] 0 t\_CmnVehSpd\_Kph\_u9p7[3] 0 t\_CmnVehSpd\_Kph\_u9p7[4] n 0 t\_CmnVehSpd\_Kph\_u9p7[5]  $t\_CmnVehSpd\_Kph\_u9p7[6]$ 0 0 t\_CmnVehSpd\_Kph\_u9p7[7] 0 t\_CmnVehSpd\_Kph\_u9p7[8] t\_CmnVehSpd\_Kph\_u9p7[9] 0 0 t\_CmnVehSpd\_Kph\_u9p7[10] t\_CmnVehSpd\_Kph\_u9p7[11] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 8602 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 9011 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 9421 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 9830 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 10240 t DmpADDCoefX\_MtrNm\_u4p12[5] 10650 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 11059 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 11469 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 11878 t DmpADDCoefX MtrNm u4p12[9] 12288 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 161 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 328 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 494 t FDD ADDStaticTblY MtrNmpRadpS um1p17[3] 661 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 827 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[5] 994 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[6] 1160 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[7] 1326  $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8]$ 1493 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[9] 1659 t FDD BlendTblY Uls u8p8[0] 116 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 118 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 121 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 123 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 126 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 129 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 131 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 134 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 136 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 139 t\_FDD\_BlendTblY\_Uls\_u8p8[10] 141 t\_FDD\_BlendTblY\_Uls\_u8p8[11] 144 t\_RIAstWIRBIndTblY\_Uls\_u2p14[0] 1638 t\_RIAstWIRBIndTblY\_Uls\_u2p14[1] 3277 t\_RIAstWIRBIndTblY\_Uls\_u2p14[2] 4915 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3] 6554  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[4]$ 8192 t\_WIRBIndTbIX\_MtrNm\_u8p8[0] 1050 t\_WIRBIndTbIX\_MtrNm\_u8p8[1] 1075 t\_WIRBIndTbIX\_MtrNm\_u8p8[2] 1101

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

0.00270421011

1126

1152 Actual Value

t\_WIRBIndTbIX\_MtrNm\_u8p8[3]

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

ADDCoefCalc()

Result

**Expected Value** 

0.00270421011 ± 0.000000009



Test Step 1.33 (Repeat Count = 1)	<b>√</b>
Name	Input Value
BaseAssistCmd MtrNm T f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBInd_MtrNm_T_f32	3.2999995
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]	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 4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8] t_CmnVehSpd_Kph_u9p7[9]	32640 32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_DmpADDCoefX_MtrNm_u4p12[0]	12698
t_DmpADDCoefX_MtrNm_u4p12[1]	13107
t_DmpADDCoefX_MtrNm_u4p12[2]	13517
t_DmpADDCoefX_MtrNm_u4p12[3]	13926
t_DmpADDCoefX_MtrNm_u4p12[4]	14336
t_DmpADDCoefX_MtrNm_u4p12[5]	14746
t_DmpADDCoefX_MtrNm_u4p12[6]	15155
t_DmpADDCoefX_MtrNm_u4p12[7] t_DmpADDCoefX_MtrNm_u4p12[8]	15565 15974
t DmpADDCoefX MtrNm u4p12[9]	16384
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTbIY_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] t_FDD_BlendTblY_Uls_u8p8[0]	1659 172
t_FDD_BlendTblY_Uls_u8p8[1]	172
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_UIs_u8p8[11]	195
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277 4915
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192
	1-1

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

Invest Walter
Input Value
2.900001
348.140015
3.4000001
885
986
1087
1188
1288
1389
1490
1591
1692
1793
704
814
924
1034
1144
1254
1364
1475
1585
1695
12800
12928
13056
13184
13312
13440
13568
13696
13824
13952
14080
14208
16794
17203
17613
18022
18432
18842
19251
19661
20070
20480
342
683
1024
1364
1705
2046
2387
2728
3068

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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]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469		
t_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				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.35 (Repeat Count = 1)		1
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.70000005	
VehicleSpeed_Kph_T_f32	360	
WIRCmdAmpBlnd_MtrNm_T_f32	3.5	
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t_DmpADDCoefX_MtrNm_u4p12[3]	22118	

ADDCoefCalc

ADDCoefCalc()

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Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	22528		
t_DmpADDCoefX_MtrNm_u4p12[5]	22938		
t_DmpADDCoefX_MtrNm_u4p12[6]	23347		
t_DmpADDCoefX_MtrNm_u4p12[7]	23757		
t_DmpADDCoefX_MtrNm_u4p12[8]	24166		
t_DmpADDCoefX_MtrNm_u4p12[9]	24576		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159		
t_FDD_BlendTblY_Uls_u8p8[0]	0		
t_FDD_BlendTblY_Uls_u8p8[1]	0		
t_FDD_BlendTblY_Uls_u8p8[2]	0		
t_FDD_BlendTblY_Uls_u8p8[3]	0		
t_FDD_BlendTblY_Uls_u8p8[4]	0		
t_FDD_BlendTblY_Uls_u8p8[5]	0		
t_FDD_BlendTblY_Uls_u8p8[6]	0		
t_FDD_BlendTblY_Uls_u8p8[7]	0		
t_FDD_BlendTblY_Uls_u8p8[8]	0		
t_FDD_BlendTblY_Uls_u8p8[9]	0		
t_FDD_BlendTblY_Uls_u8p8[10]	0		
t_FDD_BlendTblY_Uls_u8p8[11]	0		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTbIY_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
ADDCaafCala()	0.00200047224	0.00200047207 + 0.000000000	

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

0.00399017334

0.00399017287 ± 0.000000009

Test Step 1.36 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3.69000006
VehicleSpeed_Kph_T_f32	372.140015
WIRCmdAmpBInd_MtrNm_T_f32	3.599999
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

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ADDCoefCalc

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Name	Input Value		
:_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]	24986		
_DmpADDCoefX_MtrNm_u4p12[1]	25395		
_DmpADDCoefX_MtrNm_u4p12[2]	25805		
_DmpADDCoefX_MtrNm_u4p12[3]	26214		
_DmpADDCoefX_MtrNm_u4p12[4]	26624		
	27034		
_DmpADDCoefX_MtrNm_u4p12[5] DmpADDCoefX_MtrNm_u4p12[6]	27443		
	27853		
_DmpADDCoefX_MtrNm_u4p12[7]			
_DmpADDCoefX_MtrNm_u4p12[8]	28262		
_DmpADDCoefX_MtrNm_u4p12[9]	28672		
_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_BlendTbIY_Uls_u8p8[0]	256		
_FDD_BlendTblY_Uls_u8p8[1]	256		
_FDD_BlendTblY_Uls_u8p8[2]	256		
_FDD_BlendTblY_Uls_u8p8[3]	256		
_FDD_BlendTblY_Uls_u8p8[4]	256		
_FDD_BlendTblY_Uls_u8p8[5]	256		
_FDD_BlendTblY_Uls_u8p8[6]	256		
_FDD_BlendTblY_Uls_u8p8[7]	256		
_FDD_BlendTblY_Uls_u8p8[8]	256		
_FDD_BlendTbIY_Uls_u8p8[9]	256		
_FDD_BlendTblY_Uls_u8p8[10]	256		
_FDD_BlendTblY_Uls_u8p8[11]	256		
_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192		
_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
_RIAstWIRBIndTbIY_Uls_u2p14[2]	11469		
_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746		
WIRBIndTbIX_MtrNm_u8p8[0]	410		
WIRBIndTbIX_MtrNm_u8p8[1]	435		
WIRBIndTblX_MtrNm_u8p8[2]	461		
WIRBIndTbIX_MtrNm_u8p8[3]	486		
WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Res
	Autuai Value	Exposion value	1103

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~

Test Step 1.37 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9000001	
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	

ADDCoefCalc

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Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][4] 2340 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][5] 2568 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6] 2796  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7]$ 3024 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][8] 3252 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 3480 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0] 1246  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][1]$ 1638 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 2030  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3]$ 2422 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 2814 t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5] 3206 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 3598  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][7]$ 3990 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 4382  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ 4774 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] 28262 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 28672 29082 t DmpADDCoefX MtrNm u4p12[2] t\_DmpADDCoefX\_MtrNm\_u4p12[3] 29491 t DmpADDCoefX MtrNm u4p12[4] 29901 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 30310 30720 t\_DmpADDCoefX\_MtrNm\_u4p12[6] t DmpADDCoefX\_MtrNm\_u4p12[7] 31130 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 31539 31949 t\_DmpADDCoefX\_MtrNm\_u4p12[9] t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 885 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 986 t\_FDD\_ADDStaticTbIY\_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\_ADDStaticTbIY\_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\_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] 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()  $0.00845662132 \pm 0.000000009$ 0.00845662132

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ADDCoefCalc

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

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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"".
	······································

<b>Attributes</b>				
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_ps.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: Boundary Test**

#### Specification

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

CPU Cycles: TS1.1 TS1.2

1239.00 Cycles 1283.00 Cycles 1285.00 Cycles 1274.00 Cycles 1274.00 Cycles 1251.00 Cycles 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 TS1.25 TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.32 TS1.33

#### Description

Test Vector Description

TS1.1All min TS1.2All max

TS1.3ADDCoef MtrNmSpRad T f32 = min

TS1.3ADDCoef\_MtrNmSpRad\_T\_32 = min
TS1.3ADDCoef\_MtrNmSpRad\_T\_f32 = max
TS1.5ADDCoef\_MtrNmSpRad\_T\_f32 = pos
TS1.6VehicleSpeed2\_Kph\_T\_f32 = min
TS1.7VehicleSpeed2\_Kph\_T\_f32 = min
TS1.7VehicleSpeed2\_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] = max
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] = max
TS1.18t2\_FDD\_FreqTbIYM2\_Hz\_u12p4[12] = min
TS1.19t2\_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

TS1.1912\_FDD\_FreqTbIYM2\_Hz\_u12p4[12] = max
TS1.2012\_FDD\_FreqTbIYM2\_Hz\_u12p4[12] = pos
TS1.21t\_WIRBIndTbIX\_MtrNm\_u8p8[5] = min
TS1.22t\_WIRBIndTbIX\_MtrNm\_u8p8[5] = max
TS1.23t\_WIRBIndTbIX\_MtrNm\_u8p8[5] = pos
TS1.24t\_DmpFiltKpWIRBIndY\_UIs\_u2p14[5] = min
TS1.25t\_DmpFiltKpWIRBIndY\_UIs\_u2p14[5] = max
TS1.26t\_DmpFiltKpWIRBIndY\_UIs\_u2p14[5] = pos
TS1.27t\_InrtCmp\_ScaleFactorTbIY\_UIs\_u9p7[12] = min
TS1.28t\_InrtCmp\_ScaleFactorTbIY\_UIs\_u9p7[12] = max
TS1.29t\_InrtCmp\_ScaleFactorTbIY\_UIs\_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

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

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FilterCoefCalc

Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2 FDD FreqTblYM Hz u12p4[1][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2 FDD FreqTblYM Hz u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0	0 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0	0 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0	0 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989252	3.94989252 ± 0.000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.99968433 ± 0.000009	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

4.05042315

4.05042362 ± 0.000009

Test Step 1.2 (Repeat Count = 1)		<b>✓</b>
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	

tgt\_filtCoef\_Uls\_T\_Str.a2\_Uls\_f32

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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t InrtCmp ScaleFactorTblY Uls u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	2048		
t_WIRBIndTblX_MtrNm_u8p8[1]	2048		
t_WIRBIndTblX_MtrNm_u8p8[2]	2048		
t_WIRBIndTblX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
		Francis d Vistor	la
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.74156237	-2.74156213 ± 0.000009	,
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.41111422	2.41111398 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.552588403	0.552588463 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417263	-4.84172678 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056852	10.6056852 ± 0.00009	

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





Test Step 1.3 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0		
VehicleSpeed_Kph_T_f32	100.019997		
WIRCmdAmpBlnd_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	1.9999995e-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_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t CmnVehSpd Kph u9p7[8]	1152		
	1280		
t_CmnVehSpd_Kph_u9p7[9]	1408		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	1536		
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]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	11000
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_UIs_T_Str.a0_UIs_f32	3.39635515	3.39635539 ± 0.000009	
-g5000.0010_102	0.0000010		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	-7.95065212 ± 0.000009	

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





Test Step 1.4 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0413060002		
VehicleSpeed_Kph_T_f32	200.059998		
WIRCmdAmpBlnd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	2.9999992e-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_FreqTbIYM_Hz_u12p4[0][3] t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	80 96		
	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208		
t2 FDD FreqTblYM Hz u12p4[1][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64		
t2 FDD FreqTblYM Hz u12p4[1][2]	80		
t2 FDD FreqTblYM Hz u12p4[1][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112		
t2 FDD FreqTblYM Hz u12p4[1][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t CmnVehSpd Kph u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	166		
t_WIRBIndTbIX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTbIX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170364141	-0.170364141 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448002 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	-0.16008386 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.36400986	3.36400986 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94497013	-7.94497013 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.69101954	4.69102001 ± 0.000009	

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





Test Step 1.5 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.019999996		
VehicleSpeed_Kph_T_f32	300.079987		
WIRCmdAmpBInd_MtrNm_T_f32	0.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	3.999999e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4] t2_FDD_FreqTblYM_Hz_u12p4[1][5]	128 144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t CmnVehSpd Kph u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t DmpFiltKpWIRBIndY Uls u2p14[3]	9830		
t DmpFiltKpWIRBIndY Uls u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_inrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_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	

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





Test Step 1.6 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0010000005		
VehicleSpeed_Kph_T_f32	0		
WIRCmdAmpBind_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]	160 176		
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] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
tz_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128		
t2 FDD FreqTblYM Hz u12p4[1][5]	160		
t2 FDD FreqTblYM Hz u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t CmnVehSpd Kph u9p7[8]	1152		
t CmnVehSpd Kph u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t InrtCmp ScaleFactorTblY Uls u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	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	-0.0039998249	-0.00399998203 ± 0.000000009	
tgt_filtCoef_UIs_T_Str.a0_UIs_f32	3.76236439	3.76236463 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.99272346 ± 0.000009	
02			

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



Test Step 1.7 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0020000009		
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	

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





Test Step 1.8 (Repeat Count = 1)	Irona Walios		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0030000003		
VehicleSpeed_Kph_T_f32	255.25		
WIRCmdAmpBInd_MtrNm_T_f32	3.5999999		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	7.00000019e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96 112		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368		
t2 FDD FreqTblYM Hz u12p4[1][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416		
t2 FDD FreqTbIYM Hz u12p4[1][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.022498928	-0.0224989261 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0240000002	0.0240000002 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00150107313	-0.00150107383 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.12415075	3.12415075 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.89191246	-7.89191246 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.98393726	4.98393679 ± 0.000009	

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





Test Step 1.9 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0040000019		
VehicleSpeed_Kph_T_f32	16.25		
WIRCmdAmpBInd_MtrNm_T_f32	0		
filtCoef_UIs_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] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	384 400		
	416		
t2_FDD_FreqTblYM_Hz_u12p4[0][5] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0] 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]	688		
t2 FDD FreqTblYM Hz u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2 FDD FreqTblYM Hz u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	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	

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





Test Step 1.10 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0049999989 32.2799988		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	8.8000019		
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] t2_FDD_FreqTblYM_Hz_u12p4[0][9]	784 800		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	832		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424		
t2_FDD_FreqTbIYM_Hz_u12p4[1][9] t2_FDD_FreqTbIYM_Hz_u12p4[1][10]	1440 1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1472		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]	11648 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]	218 230		
t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[7] t_InrtCmp_ScaleFactorTbIY_UIs_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	•
	1.28349459	1.28349483 ± 0.000009	· · · · · · · · · · · · · · · · · · ·
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.49632454 ± 0.000009	

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





Test Step 1.11 (Repeat Count = 1)	Innext Webse		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0060000005		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	48.5200005 5.5999999		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.99999975e-005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTbIYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632 5760		
t_CmnVehSpd_Kph_u9p7[4]	5888		
t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t CmnVehSpd Kph u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170476 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.0480000004 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170483 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945698 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.95335388 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.06970024	9.06970024 ± 0.000009	

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





Test Step 1.12 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.00700000022		
VehicleSpeed_Kph_T_f32	64.9499969		
WIRCmdAmpBind_MtrNm_T_f32	1.10000002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000110000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296 1312		
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]			
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	192 208		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][3] t2_FDD_FreqTblYM_Hz_u12p4[1][4]	244		
t2_FDD_FreqTbIYM_Hz_u12p4[1][4] t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	256		
	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t CmnVehSpd Kph u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_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_UIs_T_Str.a0_UIs_f32	1.81319332	1.81319344 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600277 ± 0.000009	٠,

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





Test Step 1.13 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0080000038		
VehicleSpeed_Kph_T_f32	80.3499985		
WIRCmdAmpBInd_MtrNm_T_f32	1.20000005		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000119999997		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]			
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0392927453	-0.0392927453 ± 0.00000009	-
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064000003 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.0247072559 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.37325859 ± 0.000009	•
- · · - · · · · · · · - · · · ·			
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94662905	-7.94662905 ± 0.000009	<b>✓</b>

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





Test Step 1.14 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0089999961		
VehicleSpeed_Kph_T_f32 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]	624 640		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	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]	208 224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	240 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_UIs_u2p14[0]	16640 3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	9830		
t_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 5042624 + 0 000000	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	2.50426316 -7.6513648	2.5042634 ± 0.000009 -7.6513648 ± 0.000009	

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





Test Step 1.15 (Repeat Count = 1)			
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_FreqTbIYM_Hz_u12p4[0][1] t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	16 16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	16		
t2 FDD FreqTbIYM Hz u12p4[0][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2 FDD FreqTblYM Hz u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_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 1715		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]		From a sky d N. I.	
Name	Actual Value	Expected Value	Resul
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 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	3.72832537 -7.99044704	3.72832561 ± 0.000009	
	. / 441144 /114	-7.99044704 ± 0.000009	

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



Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.010999999		
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		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6554 8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]			
t_DmpFiltKpWIRBIndY_Uls_u2p14[2] t DmpFiltKpWIRBIndY Uls u2p14[3]	9830 11469		
t_DmpFiltKpWlRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51 64		
	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	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_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTblX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
		Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.199160993	-0.199160963 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.087999995	0.0879999995 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.111160994	0.111160956 ± 0.0000009	
	1.34697342	1.34697354 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.59078789 ± 0.000009	

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





Test Step 1.17 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0120000001		
VehicleSpeed_Kph_T_f32	144.520004		
WIRCmdAmpBInd_MtrNm_T_f32	1.60000002		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000159999996		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTbIYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_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	-0.17973122	-0.17973122 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.096000008	0.0960000008 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.0837312192 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.64792907 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	•

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





Test Step 1.18 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0130000003		
VehicleSpeed_Kph_T_f32	160.630005		
WIRCmdAmpBInd_MtrNm_T_f32	1.70000005		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_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 64		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96		
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	112		
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	128		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	176		
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][2]	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_FreqTbIYM_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_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]	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]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.0631598011 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104000002 ± 0.0000009	•
tgt_filtCoef_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	

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





Test Step 1.19 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0140000004		
VehicleSpeed_Kph_T_f32	176.850006		
WIRCmdAmpBInd_MtrNm_T_f32	1.79999995		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000310000003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32 48		
t2_FDD_FleqTblYM_Hz_u12p4[0][1] t2_FDD_FleqTblYM_Hz_u12p4[0][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80		
t2 FDD FreqTblYM Hz u12p4[0][4]	96		
t2 FDD FreqTblYM Hz u12p4[0][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600 1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][5] t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10]	1280 1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269 282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_MIRBIndTbIX_MtrNm_u8p8[0]	1306		
t_WIRBIndTblX_MtrNm_u8p8[1]	1331		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1357		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1382		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1408		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.173795044	-0.173795 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112000003 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.0617950037 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.6178236 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.70810461 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.67407179 ± 0.000009	- I

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



Test Step 1.20 (Repeat Count = 1)			_
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0149999997		
VehicleSpeed_Kph_T_f32	192.520004		
WIRCmdAmpBInd_MtrNm_T_f32	1.89999998		
filtCoef_UIs_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000319999992		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48 64		
t2 FDD FreqTblYM Hz u12p4[0][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2 FDD FreqTblYM Hz u12p4[0][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128		
t2 FDD FreqTblYM Hz u12p4[0][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816 832		
t2_FDD_FreqTblYM_Hz_u12p4[1][11] t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_UIs_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_InttCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_initCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867457 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.119999997 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.0358674601 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.82515597 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.79624844 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.37859583 ± 0.000009	

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





Test Step 1.21 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0160000008		
VehicleSpeed_Kph_T_f32	208.119995		
WIRCmdAmpBInd_MtrNm_T_f32	2.20000005		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033000001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80 96		
t2 FDD FreqTblYM Hz u12p4[0][3]	112		
t2 FDD FreqTblYM Hz u12p4[0][4]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[2]	166 179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] t InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InttCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_WIRBIndTbIX_MtrNm_u8p8[0]	0		
t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
t_WIRBIndTbIX_MtrNm_u8p8[2]	0		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0883268192	-0.0883268118 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128000006 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.0396731868 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.39172363 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985914 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841722 ± 0.000009	

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



Test Step 1.22 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.017000009		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	224.009995 2.0999999		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000339999999		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224 240		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192 208		
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 DmpFiltKpWIRBIndY Uls u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256 269		
t_InrtCmp_scaleFactorTblY_0is_u9p7[8] t InrtCmp_scaleFactorTblY_Uis_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		,
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.10374245 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136000007 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0322575532	-0.0322575495 ± 0.00000009	•
	3.30435205	3.30435181 ± 0.000009	· · · · · · · · ·
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.93359709	-7.93359709 ± 0.000009	

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





Test Step 1.23 (Repeat Count = 1)			·
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	0.00034999988		
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]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48		
	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80		
t2_FDD_F1eq161fM_F12_012p4[1][2] t2_FDD_F1eq161fM_F12_012p4[1][3]	96		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	112		
t2_FDD_Fleq1blfM_Fiz_u12p4[1][4] t2_FDD_Fleq1blfM_Hz_u12p4[1][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176		
t2 FDD FreqTblYM Hz u12p4[1][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	346		
t_WIRBIndTbIX_MtrNm_u8p8[0]	256		
t_WIRBIndTbIX_MtrNm_u8p8[1]	512		
t_WIRBIndTbIX_MtrNm_u8p8[2]	768		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1024		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.120654218	-0.120654218 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.143999994	0.143999994 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0233457759	-0.0233457815 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202346 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.922647 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.8253293 ± 0.000009	

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



Test Step 1.24 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0189999994		
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]	368 384		
t2_FDD_FreqTblYM_Hz_u12p4[0][3] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400		
t2 FDD FreqTblYM Hz u12p4[0][5]	416		
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	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] t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	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_WIRBIndTblX_MtrNm_u8p8[3]	1843		
t_WIRBIndTblX_MtrNm_u8p8[4]	1869	E	
Name	Actual Value	Expected Value	Result
tgt_filtCoef_UIs_T_Str.b0_UIs_f32	-0.266277403	-0.266277373 ± 0.0000009	•
tgt_filtCoof_Uls_T_Str.b1_Uls_f32	0.151999995	0.151999995 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.114277415 2.55320787	0.114277385 ± 0.0000009 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	•
.g	0.1701000	0.1101000Z ± 0.000000	

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





Test Step 1.25 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.019999996		
VehicleSpeed_Kph_T_f32	272.059998		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str	5.0999999 tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036999994		
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]	784 800		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208 224		
t2_FDD_FreqTblYM_Hz_u12p4[1][9] t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	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] t_CmnVehSpd_Kph_u9p7[11]	5248 5376		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_UIs_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_UIs_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[6]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[3]	486		
t_WIRBIndTbIX_MtrNm_u8p8[4]	512		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0996317267	-0.0996317267 ± 0.00000009	•
tgt_filtCoef_UIs_T_Str.b1_UIs_f32	0.15999996	0.159999996 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b2_UIs_f32	-0.0603682697	-0.0603682697 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	3.23617816	3.23617816 ± 0.000009	
no one charters a Surgar life 137	-7.91914797	-7.91914797 ± 0.000009	<b>\</b>

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





Test Step 1.26 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0209999997		
VehicleSpeed_Kph_T_f32	288.079987 6.4000001		
WIRCmdAmpBInd_MtrNm_T_f32			
filtCoef_Uls_T_Str k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 0.000380000012		
k_intromp_mumerua_kgmsq_is2 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312		
t2_FDD_FleqTblYM_Hz_u12p4[0][1] t2_FDD_FleqTblYM_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		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
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		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.211607069	-0.211607069 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.167999998	0.167999998 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.0436070636 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.26093268	2.26093292 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.50725317	-7.50725317 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.23181343	6.23181391 ± 0.000009	

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





Test Step 1.27 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0219999999		
VehicleSpeed_Kph_T_f32	304.089996		
WIRCmdAmpBInd_MtrNm_T_f32	7.0999999		
filtCoef_UIs_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000390000001 1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2 FDD FreqTblYM Hz u12p4[0][2]	1168		
t2 FDD FreqTblYM Hz u12p4[0][3]	1184		
t2 FDD FreqTblYM Hz u12p4[0][4]	1200		
t2 FDD FreqTblYM Hz u12p4[0][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744 15872		
t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t CmnVehSpd Kph u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_UIs_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTblX_MtrNm_u8p8[0]	922 947		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Page
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.0564835444 ± 0.00000009	Resul
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175999999	0.175999999 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.119516462	-0.119516455 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.64792907 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387695 ± 0.000009	
0.0 · · · · · · · · · · · · · · · · · ·	7.37819529	7.37819386 ± 0.000009	

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





Test Step 1.28 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.023		
VehicleSpeed_Kph_T_f32	320.070007		
WIRCmdAmpBInd_MtrNm_T_f32	8.19999981		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003999999		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44143194	-0.44143188 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184	0.184 ± 0.0000009	-
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.257431924	0.257431895 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.2420702 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469471 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.26323557	6.26323509 ± 0.000009	<b>✓</b>

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





Test Step 1.29 (Repeat Count = 1)			×
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.024000002		
VehicleSpeed_Kph_T_f32	336.059998		
WIRCmdAmpBind_MtrNm_T_f32	4.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.000410000008		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016 6144		
t_CmnVehSpd_Kph_u9p7[7]			
t_CmnVehSpd_Kph_u9p7[8]	6272 6400		
t_CmnVehSpd_Kph_u9p7[9]			
t_CmnVehSpd_Kph_u9p7[10]	6528 6656		
t_CmnVehSpd_Kph_u9p7[11]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0] t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	6554		
t DmpFiltKpWlRBlndY Uls u2p14[2]			
t DmpFiltKpWIRBIndY Uls u2p14[3]	8192 9830		
	11469		
t_DmpFiltKpWlRBIndY_Uls_u2p14[4] t InrtCmp ScaleFactorTblY Uls u9p7[0]	166		
	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	199		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2] 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[10] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTblX_MtrNm_u8p8[0]	1434		
t_WIRBIndTblX_MtrNm_u8p8[1]	1459		
t_WIRBIndTblX_MtrNm_u8p8[2]	1485		
t_WIRBIndTblX_MtrNm_u8p8[3]	1510		
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
		Expected Volum	Passil
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	0.456597328	0.456597298 ± 0.0000009	•
tet fileCoof Illo T Ctr of Illo 100			
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	1.64794874 -6.97389889	1.64794874 ± 0.000009 -6.97389889 ± 0.000009	

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





Test Step 1.30 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0250000004		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	352.049988 4.9000001		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	9.9999975e-006		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	880		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	896		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	960 976		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1296 1312		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11] t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	5376 6554		
t DmpFiltKpWIRBIndY Uls u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128 141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.12834549	-0.128345475 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.200000003	0.200000003 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.0716545284 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.25517941 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242453 ± 0.000009	

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



Test Step 1.31 (Repeat Count = 1)			•
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0260000005		
VehicleSpeed_Kph_T_f32	368.01001		
WIRCmdAmpBInd_MtrNm_T_f32	7.5		
filtCoef_UIs_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		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440		
t2 FDD FreqTblYM Hz u12p4[0][4]	1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472		
t2 FDD FreqTblYM Hz u12p4[0][6]	1488		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1504		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1568		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304 320		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] 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] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77 90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] 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	

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





Test Step 1.32 (Repeat Count = 1)	In most Males		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.0270000007		
VehicleSpeed_Kph_T_f32	384.019989 2.5		
WIRCmdAmpBlnd_MtrNm_T_f32			
filtCoef_Uls_T_Str k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_UIs_T_Str 2.9999992e-005		
k_inttCmp_withetta_kgm5q_i32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	2.9999992e-005 496		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	512		
t2_FDD_Fleq1bl/M_Fiz_u12p4[0][1] t2_FDD_Fleq1bl/M_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_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTblX_MtrNm_u8p8[0]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-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	

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FilterCoefCalc

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





Test Step 1.33 (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 k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 3.999999e-005		
k_inticinp_withertia_kgm5q_i32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	3.9999999e-005 48		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	64		
t2_FDD_F1eq1b1fM_F1z_d12p4[0][1] t2_FDD_F1eq1b1fM_Hz_u12p4[0][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96		
t2 FDD FreqTbIYM 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_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]	794		
t_WIRBIndTblX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTblX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.0846711174 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.159999996 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.0753288865 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.31349587 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.9354167 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.75108767 ± 0.000009	

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FilterCoefCalc

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

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DecelGain

Project 9BXX\_FrqDepDmpnInrtCmp

Module FDD\_Inertia
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/Descripti	
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 Special Test Requirements: Test Date:10/26/2014 Comments:"Note 1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note 2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note 3:In ""DriverVelCalc" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note 4:In ""ADDCoefCalc"" function, return value is going out of range due to conversion happening in the function.
	Note 5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note 6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".
	***************************************

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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**

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)			<b>✓</b>
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	<b>✓</b>

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	500.679993		
PreDecelGain Uls M f32	127118.836		
VehicleLonAccel_KphpS_T_f32	-3.0999999		
k DmpDecelGainFSlew UlspS f32	1700.02002		
k DmpDecelGain Uls f32	2.099999		
k_DmpGainOffThresh KphpS f32	0		
	44.4500008		
k_DmpGainOnThresh_KphpS_f32	44.4500008		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]			
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.836 ± 0.9	

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

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	

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Name	Input Value		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	<b>*</b>
PreDecelGain_Uls_M_f32	1	1 ± 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 2.2 (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	<b>✓</b>

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





Test Step 2.3 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

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)			<b>✓</b>
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	<b>~</b>
PreDecelGain_Uls_M_f32	125588.813	125588.813 ± 0.0625	<b>✓</b>

Test Step Call Trace				<b>✓</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.5 (Repeat Count = 1)	<b>✓</b>
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

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Name	Input Value		
k_DmpGainOnThresh_KphpS_f32	15.3199997		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	125690.586	125690.586 ± 0.9	~
PreDecelGain Uls M f32	125690.586	125690.586 ± 0.0625	✓

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.050003		
PreDecelGain_Uls_M_f32	125793.156		
VehicleLonAccel_KphpS_T_f32	5.30000019		
k_DmpDecelGainFSlew_UlspS_f32	400.040009		
k_DmpDecelGain_Uls_f32	6.0999999		
k_DmpGainOffThresh_KphpS_f32	44.4500008		
k_DmpGainOnThresh_KphpS_f32	20.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	125792.359	125792.359 ± 0.9	~
PreDecelGain_Uls_M_f32	125792.359	125792.359 ± 0.0625	~

Test Step 2.7 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>
PreDecelGain_Uls_M_f32	125894.133	125894.133 ± 0.0625	<b>✓</b>



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	<b>✓</b>

Test Step 2.9 (Repeat Count = 1)			<b>✓</b>
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)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	0	
PreDecelGain_Uls_M_f32	126201.063	
VehicleLonAccel_KphpS_T_f32	-4.0999999	
k_DmpDecelGainFSlew_UlspS_f32	800.039978	
k_DmpDecelGain_Uls_f32	9.19999981	
k_DmpGainOffThresh_KphpS_f32	11.21	
k_DmpGainOnThresh_KphpS_f32	3.21000004	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616	





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

Test Step 2.11 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

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

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

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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	<b>✓</b>

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)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	400.75	
PreDecelGain_Uls_M_f32	126914.883	
VehicleLonAccel_KphpS_T_f32	-1.20000005	
k_DmpDecelGainFSlew_UlspS_f32	1500.04004	
k_DmpDecelGain_Uls_f32	10	
k_DmpGainOffThresh_KphpS_f32	32.4099998	
k_DmpGainOnThresh_KphpS_f32	22.4099998	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	





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

Test Step 2.19 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.519989		
PreDecelGain_Uls_M_f32	127016.859		
VehicleLonAccel_KphpS_T_f32	-2.2999995		
k_DmpDecelGainFSlew_UlspS_f32	1600.02002		
k_DmpDecelGain_Uls_f32	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	<b>✓</b>

Test Step 2.20 (Repeat Count = 1)			<b>✓</b>
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	2.099999

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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	2.2000005		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	8.61999989		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.211 ± 0.9	•
PreDecelGain Uls M f32	127217.211	127217.211 ± 0.0625	•

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



Test Step 2.24 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

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

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

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

Test Step 2.27 (Repeat Count = 1)			V
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	3.900001		
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	<b>✓</b>

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

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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)		<b>√</b>
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 Expect	ted Value Result
DecelGain()	127929.633 127929.	.633 ± 0.9 ✓
PreDecelGain_Uls_M_f32	127929.633 127929.	.633 ± 0.0625

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



Test Step 2.32 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

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

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

Test Step 2.35 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

Took Ston 2.25 (Bonnet Count - 4)		
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 V	/alue 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 TS3.3 344.00 Cycles TS3.3 342.00 Cycles TS3.4 320.00 Cycles TS3.4 320.00 Cycles TS3.4 320.00 Cycles TS3.5 Test Vector Description: Test Vector Description: TS3.1 "(-VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32) = True and (RawDecelGain\_Uls\_T\_f32>= (D\_2MS\_SEC\_F32 \* MaxDecelGain\_UlspS\_T\_f32) + PreDecelGain\_Uls\_M\_f32))=True" TS3.2 "(-VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32) = False and (-VehicleLonAccel\_KphpS\_T\_f32 < k\_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 \* L\_DmpDainOffThresh\_KphpS\_f32)=False TS3.4 (RawDecelGain\_Uls\_T\_f32>= (D\_2MS\_SEC\_F32 \* L\_DmpDainOffThresh\_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)			<b>✓</b>
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	<b>✓</b>
PreDecelGain_Uls_M_f32	125487.031	125487.031 ± 0.0625	✓

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

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





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

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

Test Step 3.3 (Repeat Count = 1)			<b>✓</b>
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	<b>✓</b>

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	<b>✓</b>

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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	~