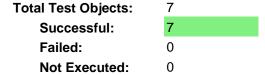
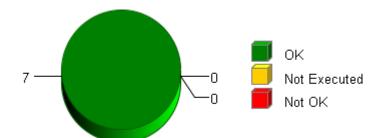


### **Summary**

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



**Date:** 2014-09-19 **Time:** 17:00:04+0530



### **Selected Project Items**

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

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

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/DriverVelCalc"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/FilterCoefCalc"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/FrqDepDmpnInrtCmp\_Init"

Test Object "CBD\_UnitTest/FDD\_Inertia\_FLTINJ/FrqDepDmpnInrtCmp\_Per1"

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

#### **Used Test Environments**

TI TMS 570 PLS UDE (Default)

### **Batch Operation Settings**

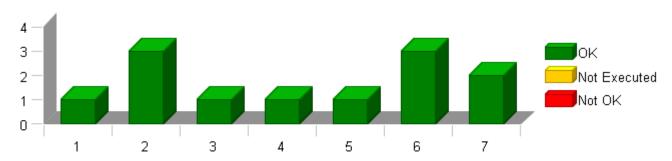
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

**Instrumentation:** Test Object Only

Coverage: Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition /

Decision Coverage, Multiple Condition Coverage

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

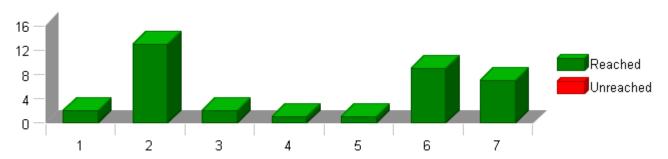


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



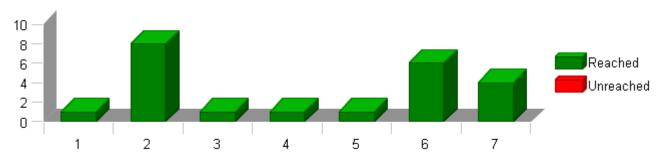
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

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



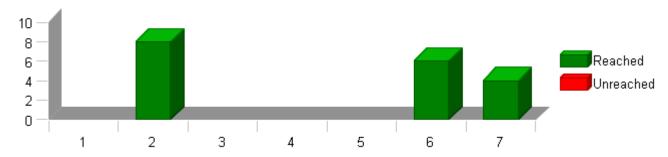
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

## **Decision Coverage: Total Decision Outcomes for Each Test Object**

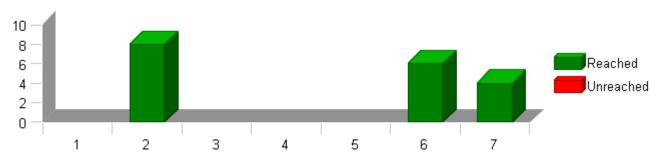


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



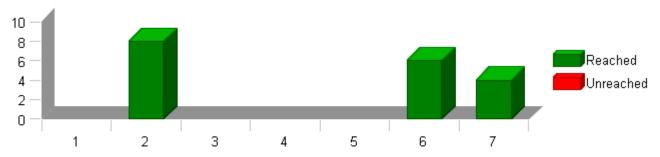
## MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

### MCC Coverage: Total Condition Combinations for Each Test Object



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

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

## **TEST OVERVIEW REPORT**

2014-09-19, 17:00:04+0530



Project FDD\_Inertia

## **Test Object List**

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases Result
	FDD_Inertia	100 %	100 %	100 %	100 %	100 %	12 of 12 passed
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	12 of 12 passed
	FDD_Inertia_FLTINJ	100 %	100 %	100 %	100 %	100 %	12 of 12 passed
1	<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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2014-09-19, 16:49:24+0530



DecelGain

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object DecelGain

### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	3
Successful	3
Failed	0
Not Executed	0



## **Module Properties**

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

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c
	Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16
	Unit Test Plan Version: 6 Optimization Level: Level 2
	Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994
	Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014
	Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

DecelGain



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



#### **Test Case 1: Metrics Test**

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

CPU Cycles:

TS1.1 326.00 Cycles TS1.2 346.00 Cycles

#### Description

Test Vector Description:

TS1.1 "Shortest Execution Path:
( -VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32 )=True
(RawDecelGain\_Uls\_T\_f32>=(D\_2MS\_SEC\_F32 \* MaxDecelGain\_UlspS\_T\_f32)+ PreDecelGain\_Uls\_M\_f32)=True"
TS1.2 "Longest Execution Path:
( -VehicleLonAccel\_KphpS\_T\_f32 > k\_DmpGainOnThresh\_KphpS\_f32 )=False
( -VehicleLonAccel\_KphpS\_T\_f32 < k\_DmpGainOnfThresh\_KphpS\_f32)=False
( -VehicleLonAccel\_KphpS\_T\_f32 < k\_DmpGainOnfThresh\_KphpS\_f32)=False
( RawDecelGain\_Uls\_T\_f32>=(D\_2MS\_SEC\_F32 \* MaxDecelGain\_UlspS\_T\_f32)+ PreDecelGain\_Uls\_M\_f32)=False
( RawDecelGain\_Uls\_T\_f32<=(D\_2MS\_SEC\_F32 \* -k\_DmpDecelGainFSlew\_UlspS\_f32)+ PreDecelGain\_Uls\_M\_f32)=False"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	1		
k_DmpDecelGain_Uls_f32	2		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	1.00199997	1.002 ± 0.000009	~
PreDecelGain_Uls_M_f32	1.00199997	1.002 ± 0.0625	✓

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

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	500.68		
PreDecelGain_Uls_M_f32	127118.835		
VehicleLonAccel_KphpS_T_f32	-3.1		
k_DmpDecelGainFSlew_UlspS_f32	1700.02		
k_DmpDecelGain_Uls_f32	2.1		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.45		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	•





Name	Actual Value	Expected Value	Result
PreDecelGain Uls M f32	127118.836	127118.835 ± 0.0625	<b>✓</b>

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

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

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	•
CRFMotorVel MtrRadpS T f32	100.02	
PreDecelGain Uls M f32	125487.235	
VehicleLonAccel_KphpS_T_f32	-10	
k_DmpDecelGainFSlew_UlspS_f32	100.02	
k_DmpDecelGain_Uls_f32	2.1	
k_DmpGainOffThresh_KphpS_f32	11.5	
k_DmpGainOnThresh_KphpS_f32	5.25	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448	
Name	Actual Value Expecte	ed Value Result
DecelGain()	125487.031 125487.0	35 ± 0.9 ✓
PreDecelGain_Uls_M_f32	125487.031 125487.0	035 ± 0.0625 ✓

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 2.2 (Repeat Count = 1)		<u> </u>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	200.03	
PreDecelGain_Uls_M_f32	125589.21	
VehicleLonAccel_KphpS_T_f32	10	
k_DmpDecelGainFSlew_UlspS_f32	200.05	
k_DmpDecelGain_Uls_f32	3.5	
k_DmpGainOffThresh_KphpS_f32	22.25	
k_DmpGainOnThresh_KphpS_f32	10.12	
t DmpDecelGainSlewX MtrRadpS u11p5[0]	3872	

DecelGain



Name	Input Value		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.8099 ± 0.9	~
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	~

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

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	500.68		
PreDecelGain_Uls_M_f32	127118.835		
VehicleLonAccel_KphpS_T_f32	-3.1		
k_DmpDecelGainFSlew_UlspS_f32	1700.02		
k_DmpDecelGain_Uls_f32	2.1		
k_DmpGainOffThresh_KphpS_f32	0		
k_DmpGainOnThresh_KphpS_f32	44.45		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	127118.836	127118.835 ± 0.9	~
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 0.0625	✓

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

Test Step 2.4 (Repeat Count = 1)		V
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	

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DecelGain

Name	Input Value				
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8				
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8	8			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8	8			
Name	Actual Value	Expected Value	Result		
DecelGain()	1.00199997	1.002 ± 0.000009	<b>✓</b>		
PreDecelGain_Uls_M_f32	1.00199997	1.002 ± 0.0625	✓		

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



#### **Test Case 3: Boundary Test**

Specification

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

CPU Cycles: 332.00 Cycles 338.00 Cycles 329.00 Cycles 349.00 Cycles 338.00 Cycles 349.00 Cycles TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 349.00 Cycles 349.00 Cycles 342.00 Cycles 342.00 Cycles 329.00 Cycles 329.00 Cycles 338.00 Cycles 349.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 TS3.14 TS3.15

349.00 Cycles 349.00 Cycles 351.00 Cycles 351.00 Cycles 351.00 Cycles TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 TS3.22 346.00 Cycles 351.00 Cycles 351.00 Cycles 328.00 Cycles TS3.23 TS3.24 TS3.25

328.00 Cycles 338.00 Cycles 351.00 Cycles TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.31 TS3.32 TS3.33

#### Description

Test Vector Description:

TS3.1 All min TS3.2 All max

TS3.2 All max
TS3.3 VehicleLonAccel\_KphpS\_T\_f32 = min
TS3.4 VehicleLonAccel\_KphpS\_T\_f32 = max
TS3.5 VehicleLonAccel\_KphpS\_T\_f32 = zero
TS3.6 VehicleLonAccel\_KphpS\_T\_f32 = pos
TS3.7 VehicleLonAccel\_KphpS\_T\_f32 = pos
TS3.7 VehicleLonAccel\_KphpS\_T\_f32 = neg
TS3.8 CRFMotorVel1\_MtrRadpS\_T\_f32 = min
TS3.9 CRFMotorVel1\_MtrRadpS\_T\_f32 = max
TS3.10 CRFMotorVel1\_MtrRadpS\_T\_f32 = zero
TS3.11 CRFMotorVel1\_MtrRadpS\_T\_f32 = pos
TS3.12 CRFMotorVel1\_MtrRadpS\_T\_f32 = pos
TS3.13 k\_DmpGainOnThresh\_KphpS\_f32 = min
TS3.14 k\_DmpGainOnThresh\_KphpS\_f32 = max
TS3.15 k\_DmpGainOnThresh\_KphpS\_f32 = pos
TS3.16 k\_DmpGainOnThresh\_KphpS\_f32 = min

k\_DmpDecelGain\_Uls\_f32 = min k\_DmpDecelGain\_Uls\_f32 = max k\_DmpDecelGain\_Uls\_f32 = pos TS3.16 TS3.17 TS3.18

TS3.19 TS3.20

k\_DmpDeceicain\_Uis\_132 = pos k\_DmpGainOffThresh\_KphpS\_f32 = min k\_DmpGainOffThresh\_KphpS\_f32 = max k\_DmpGainOffThresh\_KphpS\_f32 = pos PreDeceiGain\_Uis\_M\_f32 = min PreDeceiGain\_Uis\_M\_f32 = max PreDeceiGain\_Uis\_M\_f32 = pos TS3.21 TS3.22

TS3.23 TS3.24

PreDecelGain\_Uls\_M\_f32 = pos
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6]= min
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6] = max
t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[6] = pos
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = min
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = max
t\_DmpDecelGainSlewY\_UlspS\_u13p3[6] = pos
k\_DmpDecelGainFlew\_UlspS\_f32 = min
k\_DmpDecelGainFSlew\_UlspS\_f32 = max
k\_DmpDecelGainFSlew\_UlspS\_f32 = pos TS3.25 TS3.26 TS3.27

TS3.28 TS3.29

TS3.30 TS3.31

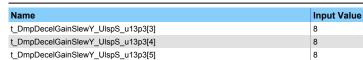
TS3.32 TS3.33

Test Step 3.1 (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	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8

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DecelGain





	0		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	~
PreDecelGain_Uls_M_f32	1	1 ± 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 3.2 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1118		
PreDecelGain_Uls_M_f32	4294967295		
VehicleLonAccel_KphpS_T_f32	10		
k_DmpDecelGainFSlew_UlspS_f32	4500		
k_DmpDecelGain_Uls_f32	10		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	50		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	35776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	35776		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000		
Name	Actual Value	Expected Value	Result
DecelGain()	4.2949673e+009	4294967286 ± 9999	
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967286 ± 0.0625	<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 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.02		
PreDecelGain_Uls_M_f32	125487.235		
VehicleLonAccel_KphpS_T_f32	-10		
k_DmpDecelGainFSlew_UlspS_f32	100.02		
k_DmpDecelGain_Uls_f32	2.1		
k_DmpGainOffThresh_KphpS_f32	11.5		
k_DmpGainOnThresh_KphpS_f32	5.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	448		
Name	Actual Value	Expected Value	Result
DecelGain()	125487.031	125487.035 ± 0.9	~
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	<b>✓</b>

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 3.4 (Repeat Count = 1)			V
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	200.03		
PreDecelGain_Uls_M_f32	125589.21		
VehicleLonAccel_KphpS_T_f32	10		
k_DmpDecelGainFSlew_UlspS_f32	200.05		
k_DmpDecelGain_Uls_f32	3.5		
k_DmpGainOffThresh_KphpS_f32	22.25		
k_DmpGainOnThresh_KphpS_f32	10.12		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	125588.813	125588.8099 ± 0.9	~
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	<b>✓</b>

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-100.04		
PreDecelGain_Uls_M_f32	125691.185		
VehicleLonAccel_KphpS_T_f32	0		
<pre>c_DmpDecelGainFSlew_UlspS_f32</pre>	300.06		
k_DmpDecelGain_Uls_f32	4.2		
k_DmpGainOffThresh_KphpS_f32	33.35		
k_DmpGainOnThresh_KphpS_f32	15.32		
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	125690.586	125690.5849 ± 0.9	•
PreDecelGain Uls M f32	125690.586	125690.5849 ± 0.0625	

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



Test Step 3.6 (Repeat Count = 1)			V
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.05		
PreDecelGain_Uls_M_f32	125793.16		
VehicleLonAccel_KphpS_T_f32	5.3		
k_DmpDecelGainFSlew_UlspS_f32	400.04		
k_DmpDecelGain_Uls_f32	6.1		
k_DmpGainOffThresh_KphpS_f32	44.45		
k_DmpGainOnThresh_KphpS_f32	20.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	125792.359	125792.3599 ± 0.9	~
PreDecelGain_Uls_M_f32	125792.359	125792.3599 ± 0.0625	<b>✓</b>

t Result
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Test Step 3.7 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.02		
PreDecelGain_Uls_M_f32	125895.135		
VehicleLonAccel_KphpS_T_f32	-5.4		
k_DmpDecelGainFSlew_UlspS_f32	500.02		
k_DmpDecelGain_Uls_f32	5.2		
k_DmpGainOffThresh_KphpS_f32	8.21		
k_DmpGainOnThresh_KphpS_f32	25.12		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648		
Name	Actual Value	Expected Value	Result
DecelGain()	125894.133	125894.135 ± 0.9	~
PreDecelGain_Uls_M_f32	125894.133	125894.135 ± 0.0625	~

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

Test Step 3.8 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-1118
PreDecelGain_Uls_M_f32	125997.11
VehicleLonAccel_KphpS_T_f32	-2.2
k_DmpDecelGainFSlew_UlspS_f32	600.04
k_DmpDecelGain_Uls_f32	7.8
k_DmpGainOffThresh_KphpS_f32	16.62

DecelGain

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

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

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





Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	126199.461	126199.4599 ± 0.9	<b>✓</b>
PreDecelGain_Uls_M_f32	126199.461	126199.4599 ± 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 3.11 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
PreDecelGain_Uls_M_f32	126303.035		
VehicleLonAccel_KphpS_T_f32	-5.6		
k_DmpDecelGainFSlew_UlspS_f32	900.02		
k_DmpDecelGain_Uls_f32	1.1		
k_DmpGainOffThresh_KphpS_f32	22.41		
k_DmpGainOnThresh_KphpS_f32	4.62		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	14656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	14688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	14720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	14752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328		
Name	Actual Value	Expected Value	Result
DecelGain()	126301.234	126301.235 ± 0.9	~
PreDecelGain_Uls_M_f32	126301.234	126301.235 ± 0.0625	~

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

Test Step 2.42 (Benest Count = 4)			,a
Test Step 3.12 (Repeat Count = 1)  Name	Input Value		·
CRFMotorVel_MtrRadpS_T_f32	-100.2		
PreDecelGain Uls M f32	126405.01		
VehicleLonAccel KphpS T f32	-6.1		
k DmpDecelGainFSlew UlspS f32	1000.01		
k_DmpDecelGain_Uls_f32	1.5		
k_DmpGainOffThresh_KphpS_f32	33.32		
k_DmpGainOnThresh_KphpS_f32	5.64		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	20960		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	20992		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424		
Name	Actual Value	Expected Value	Result
DecelGain()	126403.008	126403.01 ± 0.9	~
PreDecelGain_Uls_M_f32	126403.008	126403.01 ± 0.0625	~





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

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

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

Test Step 3.14 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.31		
PreDecelGain_Uls_M_f32	126608.96		
VehicleLonAccel_KphpS_T_f32	7.5		
k_DmpDecelGainFSlew_UlspS_f32	1200.02		
k_DmpDecelGain_Uls_f32	2.5		
k_DmpGainOffThresh_KphpS_f32	8.62		
k_DmpGainOnThresh_KphpS_f32	50		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	126606.563	126606.56 ± 0.9	~
PreDecelGain_Uls_M_f32	126606.563	126606.56 ± 0.0625	~

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



Test Step 3.15 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	300.52		
PreDecelGain_Uls_M_f32	126710.935		
VehicleLonAccel_KphpS_T_f32	8.2		
k_DmpDecelGainFSlew_UlspS_f32	1300.02		
k_DmpDecelGain_Uls_f32	5.6		
k_DmpGainOffThresh_KphpS_f32	16.21		
k_DmpGainOnThresh_KphpS_f32	25.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3808		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3840		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3936		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	126708.336	126708.335 ± 0.9	~
PreDecelGain_Uls_M_f32	126708.336	126708.335 ± 0.0625	~

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

Test Step 3.16 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-300.63		
PreDecelGain_Uls_M_f32	126812.91		
VehicleLonAccel_KphpS_T_f32	9.3		
k_DmpDecelGainFSlew_UlspS_f32	1400.01		
k_DmpDecelGain_Uls_f32	1		
k_DmpGainOffThresh_KphpS_f32	24.12		
k_DmpGainOnThresh_KphpS_f32	11.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5376		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5408		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5440		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1480		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1488		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1496		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1504		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1512		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1520		
Name	Actual Value	Expected Value	Result
DecelGain()	126810.109	126810.11 ± 0.9	<b>✓</b>
PreDecelGain_Uls_M_f32	126810.109	126810.11 ± 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 3.17 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	400.75
PreDecelGain_Uls_M_f32	126914.885
VehicleLonAccel_KphpS_T_f32	-1.2
k_DmpDecelGainFSlew_UlspS_f32	1500.04
k_DmpDecelGain_Uls_f32	10
k_DmpGainOffThresh_KphpS_f32	32.41

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DecelGain

Name	Input Value		
k_DmpGainOnThresh_KphpS_f32	22.41		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	11680		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	11712		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	11744		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	11776		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11808		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	11840		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648		
Name	Actual Value	Expected Value	Result
DecelGain()	126911.883	126911.8849 ± 0.9	<b>✓</b>
PreDecelGain Uls M f32	126911.883	126911.8849 ± 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 3.18 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-400.52		
PreDecelGain_Uls_M_f32	127016.86		
VehicleLonAccel_KphpS_T_f32	-2.3		
k_DmpDecelGainFSlew_UlspS_f32	1600.02		
k_DmpDecelGain_Uls_f32	5.25		
k_DmpGainOffThresh_KphpS_f32	40.52		
k_DmpGainOnThresh_KphpS_f32	33.32		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448		
Name	Actual Value	Expected Value	Result
DecelGain()	127013.656	127013.66 ± 0.9	~
PreDecelGain_Uls_M_f32	127013.656	127013.66 ± 0.0625	<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 3.19 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	500.68	
PreDecelGain_Uls_M_f32	127118.835	
VehicleLonAccel_KphpS_T_f32	-3.1	
k_DmpDecelGainFSlew_UlspS_f32	1700.02	
k_DmpDecelGain_Uls_f32	2.1	
k_DmpGainOffThresh_KphpS_f32	0	
k_DmpGainOnThresh_KphpS_f32	44.45	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448	





Name	Input Value				
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456				
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464				
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472				
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480	480			
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488				
Name	Actual Value	Expected Value	Result		
DecelGain()	127118.836	127118.835 ± 0.9	<b>✓</b>		
PreDecelGain_Uls_M_f32	127118.836	127118.835 ± 0.0625	✓		

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 3.20 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	600.46		
PreDecelGain_Uls_M_f32	127220.81		
VehicleLonAccel_KphpS_T_f32	-4.2		
k_DmpDecelGainFSlew_UlspS_f32	1800.01		
k_DmpDecelGain_Uls_f32	2.2		
k_DmpGainOffThresh_KphpS_f32	50		
k_DmpGainOnThresh_KphpS_f32	8.62		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	3616		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	3640		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648		
Name	Actual Value	Expected Value	Result
DecelGain()	127217.211	127217.21 ± 0.9	~
PreDecelGain_Uls_M_f32	127217.211	127217.21 ± 0.0625	~

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

Test Step 3.21 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	700.02		
PreDecelGain_Uls_M_f32	127322.785		
VehicleLonAccel_KphpS_T_f32	-5.2		
k_DmpDecelGainFSlew_UlspS_f32	1900.03		
k_DmpDecelGain_Uls_f32	2.6		
k_DmpGainOffThresh_KphpS_f32	25.45		
k_DmpGainOnThresh_KphpS_f32	16.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328		
Name	Actual Value	Expected Value	Result
DecelGain()	127318.984	127318.9849 ± 0.9	~
PreDecelGain_Uls_M_f32	127318.984	127318.9849 ± 0.0625	~



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

Test Step 3.22 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	800.03		
PreDecelGain_Uls_M_f32	1		
VehicleLonAccel_KphpS_T_f32	-6.5		
k_DmpDecelGainFSlew_UlspS_f32	2000.06		
k_DmpDecelGain_Uls_f32	2.8		
k_DmpGainOffThresh_KphpS_f32	11.21		
k_DmpGainOnThresh_KphpS_f32	24.12		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Result
DecelGain()	1	1 ± 0.000009	<b>✓</b>
PreDecelGain_Uls_M_f32	1	1 ± 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 3.23 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	900.08		
PreDecelGain_Uls_M_f32	4294967295		
VehicleLonAccel_KphpS_T_f32	-7.6		
k_DmpDecelGainFSlew_UlspS_f32	2100.02		
k_DmpDecelGain_Uls_f32	3.5		
k_DmpGainOffThresh_KphpS_f32	22.41		
k_DmpGainOnThresh_KphpS_f32	32.41		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488		
Name	Actual Value	Expected Value	Resul
DecelGain()	4.2949673e+009	4294967291 ± 9999	•
PreDecelGain Uls M f32	4.2949673e+009	4294967291 ± 0.0625	•

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





Test Step 3.24 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1000.12		
PreDecelGain_Uls_M_f32	127628.71		
VehicleLonAccel_KphpS_T_f32	-8.2		
k_DmpDecelGainFSlew_UlspS_f32	2200.02		
k_DmpDecelGain_Uls_f32	3.9		
k_DmpGainOffThresh_KphpS_f32	33.32		
k_DmpGainOnThresh_KphpS_f32	40.52		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27264		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	680		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	688		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	704		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	712		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	720		
Name	Actual Value	Expected Value	Result
DecelGain()	127624.313	127624.31 ± 0.9	~
PreDecelGain_Uls_M_f32	127624.313	127624.31 ± 0.0625	<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 3.25 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	1100.26		
PreDecelGain_Uls_M_f32	127730.685		
VehicleLonAccel_KphpS_T_f32	-9.2		
k_DmpDecelGainFSlew_UlspS_f32	2300.04		
k_DmpDecelGain_Uls_f32	3.7		
k_DmpGainOffThresh_KphpS_f32	44.45		
k_DmpGainOnThresh_KphpS_f32	48.62		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	0		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	0		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	127726.086	127726.0849 ± 0.9	~
PreDecelGain_Uls_M_f32	127726.086	127726.0849 ± 0.0625	✓

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

Test Step 3.26 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-500.23	
PreDecelGain_Uls_M_f32	127832.66	
VehicleLonAccel_KphpS_T_f32	1.1	
k_DmpDecelGainFSlew_UlspS_f32	2400.08	
k_DmpDecelGain_Uls_f32	4.8	
k_DmpGainOffThresh_KphpS_f32	8.62	

DecelGain

DecelGain()

IntplVarXY\_u16\_u16Xu16Y\_Cnt

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127827.8598 ± 0.9

Name Input Value k\_DmpGainOnThresh\_KphpS\_f32 4.21 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 35776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 35776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 35776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 35776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 35776 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 35776 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1480 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 1488 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1496 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 1504 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1512 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 1520 Name Actual Value **Expected Value** Result

Actual Function	Count Expected Function	Count	Result
Test Step Call Trace			<b>✓</b>
	·		
PreDecelGain_Uls_M_f32	127827.859	127827.8598 ± 0.0625	<b>✓</b>
Deceledam()	121021.000	127 027 .0000 ± 0.0	_

1

IntplVarXY\_u16\_u16Xu16Y\_Cnt

127827.859

Test Step 3.27 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.52		
PreDecelGain_Uls_M_f32	127934.635		
VehicleLonAccel_KphpS_T_f32	1.2		
k_DmpDecelGainFSlew_UlspS_f32	2500.02		
k_DmpDecelGain_Uls_f32	5.9		
k_DmpGainOffThresh_KphpS_f32	16.21		
k_DmpGainOnThresh_KphpS_f32	8.85		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3200		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	6400		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9600		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	12800		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	16000		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	19200		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	127929.633	127929.635 ± 0.9	~
PreDecelGain Uls M f32	127929.633	127929.635 ± 0.0625	<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	-700.14	
PreDecelGain_Uls_M_f32	128036.61	
VehicleLonAccel_KphpS_T_f32	1.6	
k_DmpDecelGainFSlew_UlspS_f32	2600.07	
k_DmpDecelGain_Uls_f32	5.8	
k_DmpGainOffThresh_KphpS_f32	24.12	
k_DmpGainOnThresh_KphpS_f32	12.61	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	8	





Name	Input Value		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8		
Name	Actual Value	Expected Value	Result
DecelGain()	128031.406	128031.4099 ± 0.9	<b>✓</b>
PreDecelGain_Uls_M_f32	128031.406	128031.4099 ± 0.0625	✓

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 3.29 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-800.52		
PreDecelGain_Uls_M_f32	128138.585		
VehicleLonAccel_KphpS_T_f32	1.8		
k_DmpDecelGainFSlew_UlspS_f32	2700.03		
k_DmpDecelGain_Uls_f32	6.5		
k_DmpGainOffThresh_KphpS_f32	32.41		
k_DmpGainOnThresh_KphpS_f32	16.21		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	4224		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4256		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	4000		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	4000		
Name	Actual Value	Expected Value	Result
DecelGain()	128133.188	128133.1849 ± 0.9	~
PreDecelGain_Uls_M_f32	128133.188	128133.1849 ± 0.0625	<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 3.30 (Repeat Count = 1)			
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-900.63		
PreDecelGain_Uls_M_f32	128240.56		
VehicleLonAccel_KphpS_T_f32	-2.1		
k_DmpDecelGainFSlew_UlspS_f32	2800.02		
k_DmpDecelGain_Uls_f32	6.8		
k_DmpGainOffThresh_KphpS_f32	40.52		
k_DmpGainOnThresh_KphpS_f32	20.63		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2000		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2008		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2016		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2024		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2032		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2040		
Name	Actual Value	Expected Value	Result
DecelGain()	128234.961	128234.96 ± 0.9	~
PreDecelGain_Uls_M_f32	128234.961	128234.96 ± 0.0625	<b>✓</b>

Test Step Call Trace
Actual Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

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

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

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1100.85		
PreDecelGain_Uls_M_f32	128444.51		
VehicleLonAccel_KphpS_T_f32	-2.9		
k_DmpDecelGainFSlew_UlspS_f32	4500		
k_DmpDecelGain_Uls_f32	3.8		
k_DmpGainOffThresh_KphpS_f32	4.21		
k_DmpGainOnThresh_KphpS_f32	28.18		
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320		
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352		
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384		
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416		
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448		
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480		
_DmpDecelGainSlewY_UlspS_u13p3[0]	1536		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544		
_DmpDecelGainSlewY_UlspS_u13p3[2]	1552		
_DmpDecelGainSlewY_UlspS_u13p3[3]	1560		
_DmpDecelGainSlewY_UlspS_u13p3[4]	1568		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576		
Name	Actual Value	Expected Value	Result
DecelGain()	128435.508	128435.51 ± 0.9	•
PreDecelGain Uls M f32	128435.508	128435.51 ± 0.0625	•

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





Test Step 3.33 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	458.62		
PreDecelGain_Uls_M_f32	128546.485		
VehicleLonAccel_KphpS_T_f32	-8.1		
k_DmpDecelGainFSlew_UlspS_f32	2500.02		
k_DmpDecelGain_Uls_f32	6.9		
k_DmpGainOffThresh_KphpS_f32	8.85		
k_DmpGainOnThresh_KphpS_f32	32.25		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752		
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208		
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216		
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224		
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232		
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1240		
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248		
Name	Actual Value	Expected Value	Result
DecelGain()	128541.484	128541.485 ± 0.9	· ·
PreDecelGain_Uls_M_f32	128541.484	128541.485 ± 0.0625	~

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

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FrqDepDmpnInrtCmp\_Per1

 Project
 FDD\_Inertia

 Module
 FDD\_Inertia\_FLTINJ

 Test Object
 FrqDepDmpnInrtCmp\_Per1

### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	3
Successful	3
Failed	0
Not Executed	0



### **Module Properties**

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

Comments/Description/s	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014 Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>	
Float Precision	9	
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl	
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>	
Time Unit	Cycles	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution	1	

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Attributes	
Name	Value
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Svnergy Work Area\CBD FrgDepDmpnInrtCmp\UnitTestEnv\config\UDE TMS570 DEBUG.WSP



Usercode		
Stub Function Name	Stub Function Body	
Rte_Call_FrqDepDmpnInrtCmp_Perl_CP0_Checkpo	\$stub void Rte_Call_FrqDepDmpnInrtCmp_Perl_CP0_CheckpointReached() {	
	/* empty stub code created by TESSY */ }	
${\tt Rte\_Call\_FrqDepDmpnInrtCmp\_Perl\_CPl\_Checkpo}.$	<pre>\$stub void Rte_Call_FrqDepDmpnInrtCmp_Perl_CPl_CheckpointReached() {</pre>	
	/* empty stub code created by TESSY */ }	

Test Case 1	1: Metrics Test	<b>✓</b>
Specification	Performance Metrics (With "None" Instrumentation and "WithPS" Environment)	
	CPU Cycles:	
	TS1.1 5929.00 Cycles TS1.2 5956.00 Cycles	
Description	Test Vector Description:	
	TS1.1 "Shortest Execution Path:  (FDDDefSrvFig_Cnt_T_igc == TRUE)=False  (FrqDepDmpnInrtCmp_MtrNm_T_f32>=D_MTRTRQCMDHILMT_MTRNM_F32)=True"  TS1.2 "Longest Execution Path:  (FDDDefSrvFig_Cnt_T_igc == TRUE)=True  (FrqDepDmpnInrtCmp_MtrNm_T_f32>= D_MTRTRQCMDHILMT_MTRNM_F32)=False  (FrqDepDmpnInrtCmp_MtrNm_T_f32<= -D_MTRTRQCMDHILMT_MTRNM_F32)=False"	

Test Step 1.1 (Repeat Count = 1)	Input Value
Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1ScIDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2ScIDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
<_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
<pre>c_InrtCmp_MtrVel_ScaleFactor_Uls_f32</pre>	0.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
2_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

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P_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
P_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
P_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	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
P_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
P_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
CmnVehSpd_Kph_u9p7[3]	512	
CmnVehSpd_Kph_u9p7[4]	640	
CmnVehSpd_Kph_u9p7[5]	768	
CmnVehSpd Kph u9p7[6]	896	
CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
CmnVehSpd_Kph_u9p7[9]	1280	
CmnVehSpd_Kph_u9p7[10]	1408	
CmnVehSpd_Kph_u9p7[11]	1536	
DmpADDCoefX_MtrNm_u4p12[0]	4506	
DmpADDCoefX_MtrNm_u4p12[1]	4915	
DmpADDCoefX_MtrNm_u4p12[2]	5325	
	5734	
_DmpADDCoefX_MtrNm_u4p12[3] _DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
	6963	
_DmpADDCoefX_MtrNm_u4p12[6] 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[3]	2068	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
FDD_ADDStaticToH_MtrNmpRadpS_um1p17[6]  FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
	320	
_FDD_AttenTblX_MtrRadpS_u12p4[1]		
FDD_AttenTbIY_Uls_u8p8[0]	49	
	49 51 3	

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FrqDepDmpnInrtCmp\_Per1

FrqDepDmpninrtCmp_Per1			Tazolai
Name	Input Value		
:_FDD_BlendTblY_Uls_u8p8[2]	8		
	10		
_FDD_BlendTblY_Uls_u8p8[4]	13		
_FDD_BlendTblY_Uls_u8p8[5]	15		
_FDD_BlendTblY_Uls_u8p8[6]	18		
_FDD_BlendTblY_Uls_u8p8[7]	20		
_FDD_BlendTblY_Uls_u8p8[8]	23		
_FDD_BlendTblY_Uls_u8p8[9]	26		
_FDD_BlendTblY_Uls_u8p8[10]	28		
_FDD_BlendTblY_Uls_u8p8[11]	31		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
 _InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102		
InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	141		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	1		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TbarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15 1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915 6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]			
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[0]	282		
t_WIRBIndTblX_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	8.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.2		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCi			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	I_I tgt_FrqDepDmpnInrtCmp_Per1_CRFN	MotorVel_MtrRadpS_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp		– –-	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	tgt_FrqDepDmpnInrtCmp_Per1_Vehic	leLonAccel_KphpS_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	d_l tgt_FrqDepDmpnInrtCmp_Per1_Vehic	leSpeed_Kph_f32	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRC	CmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
PreDecelGain_Uls_M_f32	1.11199999	1.112 ± 0.0625	
Prev1PreAttnComp_MtrNm_M_f32	128.764511	128.764510970637 ± 0.0009	
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	
They/ofFileCv. M. etc.CV. Lille. 600	2.22402405	2 224022222 + 0 00200625	

2.22103405

-1.20000005

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

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

2.221033333 ± 0.00390625

-1.2 ± 0.00048828125



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

Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1ScIDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp MtrNm M f32	7.3
Prev2ScIDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Signal	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	3.5
barVelFiltSv_M_str.K_Uls_f32	0.1258
	10.2
_CmnSysKinRatio_MtrDegpHwDeg_f32 : CmnTbarStiff NmpDeg_f32	1.2
	100.02
_DmpDecelGainFSlew_UlspS_f32	
:_DmpDecelGain_Uls_f32	2.5 16.5
_DmpGainOnThrosh_KohoS_f32	30.2
_DmpGainOnThresh_KphpS_f32 InrtCmp MtrInertia KgmSq f32	0.00008
_ : : -	
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	48
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	64
2_FDD_FreqTbIYM_Hz_u12p4[0][4]	80
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96
2_FDD_FreqTbIYM_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

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144	
12_FDD_FreqTblYM_Hz_u12p4[1][8]	160	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	192	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
t_CmnVehSpd_Kph_u9p7[0]	128	
 CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[2]	384	
	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	
	432	
DmpDecelGainSlewY UlspS u13p3[4]	440	
	448	
	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]		
_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4644	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
_FDD_AttenTblY_Uls_u8p8[0]	49	
_FDD_AttenTblY_Uls_u8p8[1]	51	
_FDD_BlendTblY_Uls_u8p8[0]	3	
_FDD_BlendTblY_Uls_u8p8[1]	5	
_FDD_BlendTblY_Uls_u8p8[2]	8	
_FDD_BlendTblY_Uls_u8p8[3]	10	
_FDD_BlendTblY_Uls_u8p8[4]	13	
_FDD_BlendTblY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
_FDD_BlendTblY_Uls_u8p8[7]	20	
o . o _ o o po[/]		
t_FDD_BlendTblY_Uls_u8p8[8]	23	

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Name	Input Value
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	1638
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192
t_WIRBIndTblX_MtrNm_u8p8[0]	282
t_WIRBIndTblX_MtrNm_u8p8[1]	307
	333
t_WIRBIndTblX_MtrNm_u8p8[2] t_WIRBIndTblX_MtrNm_u8p8[3]	358
	384
t_WIRBIndTblX_MtrNm_u8p8[4]	8.1
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	600.2
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-21.32
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-1.2
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	
Name	Actual Value Expected Value Re

<u>v= = = := : : : : := = =               </u>	.   0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.234	125487.235 ± 0.0625	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	14899641	14899642.12 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-1.20000005	-1.2 ± 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	<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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	•

#### Test Case 2: Path Test

Specification

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

CPU Cycles:

TS2.1 5949.00 Cycles TS2.2 5980.00 Cycles TS2.3 6964.00 Cycles

Description

Test Vector Description:

 $\label{eq:total_$ 

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
PreDecelGain_Uls_M_f32	125487.235	
Prev1PreAttnComp_MtrNm_M_f32	1.1	
Prev1SclDrvVel_RadpS_M_f32	2205.3	
Prev2PreAttnComp_MtrNm_M_f32	7.3	
Prev2SclDrvVel_RadpS_M_f32	101.2	
PrevTbarAng_HwDeg_M_f32	-8.32	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp	
TbarVelFiltSv_M_str.SV_Uls_f32	3.5	
TbarVelFiltSv_M_str.K_Uls_f32	0.1258	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2	
k_CmnTbarStiff_NmpDeg_f32	1.2	
k_DmpDecelGainFSlew_UlspS_f32	100.02	
k_DmpDecelGain_Uls_f32	2.5	
k_DmpGainOffThresh_KphpS_f32	16.5	
k_DmpGainOnThresh_KphpS_f32	30.2	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728	

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 3068 3409 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9] t2 FDD FregTblYM 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] 144 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][9] 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] 208 128 t CmnVehSpd Kph u9p7[0] t\_CmnVehSpd\_Kph\_u9p7[1] 256 t\_CmnVehSpd\_Kph\_u9p7[2] 384 t\_CmnVehSpd\_Kph\_u9p7[3] 512 t\_CmnVehSpd\_Kph\_u9p7[4] 640 t\_CmnVehSpd\_Kph\_u9p7[5] 768 t CmnVehSpd Kph u9p7[6] 896 t\_CmnVehSpd\_Kph\_u9p7[7] 1024 t\_CmnVehSpd\_Kph\_u9p7[8] 1152 1280  $t\_CmnVehSpd\_Kph\_u9p7[9]$ t\_CmnVehSpd\_Kph\_u9p7[10] 1408 1536 t\_CmnVehSpd\_Kph\_u9p7[11] t\_DmpADDCoefX\_MtrNm\_u4p12[0] 4506 t DmpADDCoefX\_MtrNm\_u4p12[1] 4915 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 5325 t DmpADDCoefX\_MtrNm\_u4p12[3] 5734 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 6144 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 6554 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 6963 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 7373 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 7782 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 8192 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 3552 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 3584 t DmpDecelGainSlewX MtrRadpS u11p5[2] 3616 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 3648 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 3680 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 3712 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 408 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 416 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 424 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 432 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 440 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 448 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0] 1638 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 3277  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]$ 4915

6554

8192 523

1038

1553

2068

2583

3099

3614

4129

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1]

t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4]

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Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
t_FDD_BlendTblY_Uls_u8p8[0]	3	
t_FDD_BlendTblY_Uls_u8p8[1]	5	
t_FDD_BlendTblY_Uls_u8p8[2]	8	
t_FDD_BlendTblY_Uls_u8p8[3]	10	
t_FDD_BlendTblY_Uls_u8p8[4]	13	
t_FDD_BlendTblY_Uls_u8p8[5]	15	
t_FDD_BlendTblY_Uls_u8p8[6]	18	
t_FDD_BlendTblY_Uls_u8p8[7]	20	
t_FDD_BlendTblY_Uls_u8p8[8]	23	
t FDD BlendTblY Uls u8p8[9]	26	
t_FDD_BlendTblY_Uls_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t InrtCmp ScaleFactorTblY Uls u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[2]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10	
t InrtCmp TBarVel_ScaleFactorTblY Uls u9p7[8]	12	
	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[10]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]		
t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1]	1638 3277	
t_RIAstWIRBIndTblY_Uls_u2p14[2]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192	
t_WIRBIndTbIX_MtrNm_u8p8[0]	282	
t_WIRBIndTblX_MtrNm_u8p8[1]	307	
t_WIRBIndTblX_MtrNm_u8p8[2]	333	
t_WIRBIndTblX_MtrNm_u8p8[3]	358	
t_WIRBIndTbIX_MtrNm_u8p8[4]	384	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.1	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.2	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpnInrtCmp\_BaseAssistCnppTerpDepDmpDmpnInrtCmp_BaseAssistCnppTerpDepDmpnInrtCmp_BaseAssistCnppTerpDm$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVeller (Compared to the compared to the com$		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_FreqDepDmpnInrtC$	Si tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$	in tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HwTorqu$	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccept and the property of the property o$	ct tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeeds and the property of t$	LI tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmparter (Compared to the Compared to the Com$	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Resul
PreDecelGain Uls M f32	125487.031 125487.035 ± 0.0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618.37 ± 99.9	~
Prev1SclDrvVel_RadpS_M_f32	540.226318	540.2263355 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	•

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Name	Actual Value	Expected Value	Result
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-8.333333302	-8.333333333 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.221033333 ± 0.00390625	~
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	1.20000005	1.2 ± 0.00048828125	•

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

Test Step 2.2 (Repeat Count = 1)	v
Name	Input Value
	125589.21
	-1.1
	<b>-445.3</b>
Prev2PreAttnComp_MtrNm_M_f32	-6.8
Prev2ScIDrvVel_RadpS_M_f32	-220.3
	4.339
6_ 6	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	-2.5
	0.2365
	20.3
_ , 51	2.3
	200.03
	3.6
	20.2
	35.3
	0.00009
	0.00009
	342
0 _ 1 1 _ 1 1 1 1 1 1 1 1 1 1 1 1 1	683
	1024
	1364
1 2 2 3 3 2 2 3 7 3 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1705
	2046
	2387
	2728
	3068
	3409
	523
	1038
	1553
	2068
	2583
	3099
	3614
	4129
0 _ 1 1 _ 1 1 1 1 1 1 1 1 1 1 1 1 1	4644
	5159
	32
' ''	48
	64
' ''	80
1 = 1 1 1 1 = 1 1 1 1 1 1 1 1 1 1 1 1 1	96
' ''	112
1 2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	128
	144
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	160

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FrqDepDmpnInrtCmp_Per1		TAZOI(AI
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	208	
P_FDD_FreqTblYM_Hz_u12p4[1][0]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
P_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
P_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
	144	
P_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
P_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
	192	
	208	
_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
	2560	
CmnVehSpd_Kph_u9p7[1]	3840	
	5120	
CmnVehSpd_Kph_u9p7[2]		
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[2]	1034	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]  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	
FDD_BlendTblY_Uls_u8p8[2]	10	
	13	
FDD_BlendTblY_Uls_u8p8[3]		
_FDD_BlendTblY_Uls_u8p8[4]	15	

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FrqDepDmpnInrtCmp\_Per1

ттүрерынынгоньр_гегт			TOILCTUOID
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t_FDD_BlendTblY_Uls_u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t_FDD_BlendTbIY_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 3277		
t_RIAstWIRBIndTblY_UIs_u2p14[0]			
t_RIAstWIRBIndTbIY_UIs_u2p14[1] t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554 8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t WIRBIndTbIX MtrNm u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTblX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.2		
tgt FrgDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-600.3		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt FrqDepDmpnInrtCmp Per1 HwTorque HwNm f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.03		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.3		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssis	tCmd_MtrNm_f32	
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel N			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpNnrtCmp\_Per1\_FreqDepDmpNnrtC$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepD	mpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	npnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwf	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque	_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLor	nAccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_RepUppDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst_RepUppDmpnInrtCmp\_Inst_RepUppDmpnInrtCmp\_Inst_RepUpDmpnInrtCmp\_Inst_RepUpDmpnInrtCmp\_Inst_RepUpDmpnInrtCmp\_Inst_RepUpDmpnInr$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSp	eed_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBlackers$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.1416 ± 0.9	•
Prev1ScIDrvVel_RadpS_M_f32	-480.309448	-480.3094401 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.3 ± 0.00390625	-
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826087 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	•
tot FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	-1 2000005	-1 3 + 0 00048828125	

-1.29999995

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

-1.3 ± 0.00048828125



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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 2.3 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PreDecelGain_Uls_M_f32	125997.11
Prev1PreAttnComp MtrNm M f32	-3.3
Prev1SclDrvVel_RadpS_M_f32	-4021.3
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2SclDrvVel_RadpS_M_f32	-363.2
PrevTbarAng_HwDeg_M_f32	0.159
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
k_CmnTbarStiff_NmpDeg_f32	6.2
k_DmpDecelGainFSlew_UlspS_f32	400.05
k_DmpDecelGain_Uls_f32	6.5
k_DmpGainOffThresh_KphpS_f32	44.5
k_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k InrtCmp MtrVel ScaleFactor Uls f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][1]	1212
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1359
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1506
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[1][9]	4774
12 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
12_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_rreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	352
E_1 DD_1 red (N1 M_1/2_0 /2P4[1][1]	UOL .

FrqDepDmpnInrtCmp\_Per1



Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2 FDD FreqTblYM Hz u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2 FDD FreqTblYM Hz u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t CmnVehSpd Kph u9p7[0]	12800
	12928
t_CmnVehSpd_Kph_u9p7[1]	
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t CmnVehSpd Kph u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
t_DmpADDCoefX_MtrNm_u4p12[5]	27034
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UIspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1427
t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	1655
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1884
	2112
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	
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
	720
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	
t_FDD_AttenTblY_Uls_u8p8[0]	172
t_FDD_AttenTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[0]	18
t_FDD_BlendTblY_Uls_u8p8[1]	20
t_FDD_BlendTblY_Uls_u8p8[2]	23
t_FDD_BlendTblY_Uls_u8p8[3]	26
t_FDD_BlendTblY_Uls_u8p8[4]	28
t_FDD_BlendTblY_UIs_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
	!

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



Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	269		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	88		
	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] t InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
	1638		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]			
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1562		
t_WIRBIndTblX_MtrNm_u8p8[1]	1587		
t_WIRBIndTblX_MtrNm_u8p8[2]	1613		
t_WIRBIndTblX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-6.3		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.4		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_Per1\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp\_BaseAssistCmpTrqDepDmpNInrtCmp_BaseAssistCmpTrqDepDmpNInrtCmp_BaseAssistCmpTrqDepDmpNInrtCmp_BaseAssistCmpTrqDepDmpNInrtCmp_BaseAssistCmpTrqDepDmpNInrtCmp_BaseAssistCmpTrqDepDmpNInr$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSpread and the property of the property o$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpi	nInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwriter = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	lwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp \ \ Per1 \ \ VehicleSpeed$	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpError = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PP10-i III M 400		125006 2000 + 0.0625	

	h   .3hhh	192 14- 14- 14- 14- 14- 14- 14- 14- 14- 14-			
Name	Actual Value	Expected Value	Result		
PreDecelGain_Uls_M_f32	125996.313	125996.3099 ± 0.0625	~		
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653.482 ± 9.9	✓		
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	✓		
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	<b>✓</b>		
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	<b>✓</b>		
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	<b>✓</b>		
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	<b>✓</b>		
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	2.4000001	2.4 ± 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	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~



#### **Test Case 3: Boundary Test**

#### Specification

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

CPU Cycles:

5738.00 Cycles 5800.00 Cycles 5953.00 Cycles 5979.00 Cycles 5952.00 Cycles 5821.00 Cycles TS3.1 TS3.2 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 5962.00 Cvcles 5962.00 Cycles 6964.00 Cycles 5881.00 Cycles 5780.00 Cycles 5763.00 Cycles 5814.00 Cycles 5814.00 Cycles TS3.8 TS3.9 TS3.10 TS3.11 TS3.12 TS3.13 5815.00 Cycles 5785.00 Cycles 5987.00 Cycles 5789.00 Cycles 5711.00 Cycles TS3.14 TS3.15 TS3.16 TS3.17 TS3.18 5711.00 Cycles 5767.00 Cycles 5767.00 Cycles 5711.00 Cycles 6106.00 Cycles 5803.00 Cycles 5783.00 Cycles 5792.00 Cycles 5792.00 Cycles 5794.00 Cycles 5811.00 Cycles 5826.00 Cycles 5816.00 Cycles 5781.00 Cycles 5781.00 Cycles 5781.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5792.00 Cycles 5789.00 Cycles TS3.19 TS3.20 TS3.21 TS3.22 TS3.23 TS3.24 TS3.25 TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.31 TS3.32 TS3.33 TS3.34 TS3.35

#### Description

#### Test Vector Description:

TS3.1 All min

TS3.2 All max

TS3.3 HwTorque HwNm\_f32 = min TS3.4 HwTorque HwNm\_f32 = max TS3.5 HwTorque HwNm\_f32 = zero

TS3.6 HwTorque\_HwNm\_f32 = zero
TS3.6 HwTorque\_HwNm\_f32 = neg
TS3.7 HwTorque\_HwNm\_f32 = pos
TS3.8 CRFMotorVel\_MtrRadpS\_f32 = min
TS3.9 CRFMotorVel\_MtrRadpS\_f32 = max
TS3.10 CRFMotorVel\_MtrRadpS\_f32 = zero
TS3.11 CRFMotorVel\_MtrRadpS\_f32 = neg
TS3.12 CRFMotorVel\_MtrRadpS\_f32 = neg

TS3.12 CRFMotorVel\_MtrRadpS\_f32 = pos TS3.13 BaseAssistCmd\_MtrNm\_f32 = min TS3.14 BaseAssistCmd\_MtrNm\_f32 = max

TS3.15 BaseAssistCmd\_MtrNm\_f32 = zero
TS3.16 BaseAssistCmd\_MtrNm\_f32 = neg
TS3.17 BaseAssistCmd\_MtrNm\_f32 = pos

TS3.18

TS3.19

TS3.20

TS3.21

TS3.22

VehicleSpeed\_Kph\_f32 = min
VehicleSpeed\_Kph\_f32 = min
VehicleSpeed\_Kph\_f32 = max
VehicleSpeed\_Kph\_f32 = pos
WIRCmdAmpBlnd\_MtrNm\_f32 = min
WIRCmdAmpBlnd\_MtrNm\_f32 = max
WIRCmdAmpBlnd\_MtrNm\_f32 = pos
FaceDenosicOnternation TS3.23

WIRCHOAMPBING\_MITNIT\_132 = pos FreqDepDmpSrlComSvcDff\_Cnt\_lgc = min FreqDepDmpSrlComSvcDff\_Cnt\_lgc = max VehicleLonAccel\_KphpS\_f32 = min VehicleLonAccel\_KphpS\_f32 = max VehicleLonAccel\_KphpS\_f32 = zero VehicleLonAccel\_KphpS\_f32 = neg TS3.24

TS3.25

TS3.26 TS3.27

TS3.28

TS3.29

VehicleLonAccel\_KphpS\_132 = neg
VehicleLonAccel\_KphpS\_132 = pos
Rte\_Call\_FitInjection\_SCom\_FitInjection=min
Rte\_Call\_FitInjection\_SCom\_FitInjection=max
Rte\_Call\_FitInjection\_SCom\_FitInjection=zero TS3.31

TS3.32

TS3.34 Rte\_Call\_FitInjection\_SCom\_FitInjection=pos
TS3.35 Rte\_Call\_FitInjection\_SCom\_FitInjection=neg

Test Step 3.1 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	1
Prev1PreAttnComp_MtrNm_M_f32	-8.8
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-8.8
Prev2SclDrvVel_RadpS_M_f32	-12917.3
PrevTbarAng_HwDeg_M_f32	-20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInje	ction(SignalPath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1
k_CmnTbarStiff_NmpDeg_f32	0.5
k DmpDecelGainFSlew UlspS f32	1

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	( 14 17 10 10
Name	Input Value
k_DmpDecelGain_Uls_f32	1
k_DmpGainOffThresh_KphpS_f32	0
k_DmpGainOnThresh_KphpS_f32	0
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	0
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16 16
12_FDD_FreqTblYM_Hz_u12p4[0][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16
12_FDD_FreqTblYM_Hz_u12p4[0][3] 12_FDD_FreqTblYM_Hz_u12p4[0][4]	16
	16
12_FDD_FreqTblYM_Hz_u12p4[0][5] 12_FDD_FreqTblYM_Hz_u12p4[0][6]	16
12_FDD_FreqTblYM_Hz_u12p4[0][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16
t2 FDD FreqTblYM Hz u12p4[1][1]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16
t_CmnVehSpd_Kph_u9p7[0]	0
t_CmnVehSpd_Kph_u9p7[1]	0
t_CmnVehSpd_Kph_u9p7[2]	0
t_CmnVehSpd_Kph_u9p7[3]	0
t_CmnVehSpd_Kph_u9p7[4]	0
t_CmnVehSpd_Kph_u9p7[5]	0
t_CmnVehSpd_Kph_u9p7[6]	0
t_CmnVehSpd_Kph_u9p7[7]	0
t_CmnVehSpd_Kph_u9p7[8]	0
t_CmnVehSpd_Kph_u9p7[9]	0
t_CmnVehSpd_Kph_u9p7[10]	0
t_CmnVehSpd_Kph_u9p7[11]	0
t_DmpADDCoefX_MtrNm_u4p12[0]	0
t_DmpADDCoefX_MtrNm_u4p12[1]	0
t_DmpADDCoefX_MtrNm_u4p12[2]	0
t_DmpADDCoefX_MtrNm_u4p12[3]	0
t_DmpADDCoefX_MtrNm_u4p12[4]	0
t_DmpADDCoefX_MtrNm_u4p12[5]	0
t_DmpADDCoefX_MtrNm_u4p12[6]	0
t_DmpADDCoefX_MtrNm_u4p12[7]	0
t_DmpADDCoefX_MtrNm_u4p12[8] t_DmpADDCoefX_MtrNm_u4p12[9]	0
	0
	0
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0] t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	0 0

FrqDepDmpnInrtCmp\_Per1



Name t_DmpDecelGainSlewX_MtrRadpS_u11p5[2] t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	Input Value
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	·
t DiffpDeceiGaiffSiewx Mitragps u i ibbisi	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
	8
t_DmpDecelGainSlewY_UlspS_u13p3[2]	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	8
t_DmpDecelGainSlewY_UlspS_u13p3[4]	8
t_DmpDecelGainSlewY_UlspS_u13p3[5]	8
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	0
	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0
t FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	0
t FDD ADDStaticTblY MtrNmpRadpS um1p17[8]	0
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0
t FDD AttenTblY Uls u8p8[0]	0
t_FDD_AttenTblY_Uls_u8p8[1]	0
t_FDD_BlendTblY_Uls_u8p8[0]	0
t_FDD_BlendTblY_Uls_u8p8[1]	0
t_FDD_BlendTblY_Uls_u8p8[2]	0
t_FDD_BlendTblY_Uls_u8p8[3]	0
t_FDD_BlendTblY_Uls_u8p8[4]	0
t_FDD_BlendTblY_Uls_u8p8[5]	0
t_FDD_BlendTblY_Uls_u8p8[6]	0
t_FDD_BlendTblY_Uls_u8p8[7]	0
t_FDD_BlendTblY_Uls_u8p8[8]	0
t_FDD_BlendTblY_Uls_u8p8[9]	0
t_FDD_BlendTblY_Uls_u8p8[10]	0
	0
t_FDD_BlendTblY_Uls_u8p8[11]	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0
t InrtCmp ScaleFactorTblY Uls u9p7[9]	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0
	0
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	0
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	0
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	0
t_RIAstWIRBIndTblY_Uls_u2p14[3]	0
	0
t_RIAstWIRBIndTblY_UIs_u2p14[4]	
	0
t_WIRBIndTbIX_MtrNm_u8p8[0]	
	0



-8.8 ± 0.00048828125

-12917.3 ± 0.00390625

-8.8 ± 0.00048828125

-6.658327638 ± 0.00390625

-20 ± 0.00390625

FrqDepDmpnInrtCmp\_Per1

Prev2PreAttnComp\_MtrNm\_M\_f32

Prev2SclDrvVel\_RadpS\_M\_f32

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

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

PrevTbarAng\_HwDeg\_M\_f32

Name	Input Value		
t_WIRBIndTbIX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]	0		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.8		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
$tgt\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrlComSvcDft\_Cnt\_lgc.value$	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.8		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmetaller (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistC	Cmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepD$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpStartInsta$	npSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnIrrtCmp\_Per1\_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_I	HwNm_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	ccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_InstAp\_FrqDepDmpnInrtCmp\_InstAp\_FrqDepDmpnInrtCmp\_InstAp\_FrqDepDmpnInrtCmp\_InstAp\_FrqDepDmpnInrtCmp\_InstAp\_FrqDepDmpnInrtCmp\_InstAp\_FrqDepDmpnInrtCmp\_InstA$	d_l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBarelembers \\ \underline{tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBarelembers \\ \underline{tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_W$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	-
Prev1PreAttnComp_MtrNm_M_f32	-8.79862881	-8.798627659 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-0	0 ± 0.00390625	~

-8.80000019

-12917.2998

-6.65832758

-8.80000019

-20

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP0_CheckpointReached	1	~
ADDCoefCalc	1	ADDCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	Rte Call FrgDepDmpnInrtCmp Per1 CP1 CheckpointReached	1	_

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

FrqDepDmpnInrtCmp\_Per1



гідреротрініністр_гегі	
Name	Input Value
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	6554
2_FDD_ADDRollingTbIYM_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
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
12_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	6554
12_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
12_FDD_FreqTblYM_Hz_u12p4[0][0]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600
2_FDD_reqTblYM_riz_u12p4[0][4]	1600
2_FDD_freqTblYM_Hz_u12p4[0][4]	1600
	1600
2_FDD_FreqTblYM_Hz_u12p4[0][6]	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1600
12_FDD_FreqTblYM_Hz_u12p4[0][9]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1600
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1600
2_FDD_FreqTblYM_Hz_u12p4[1][0]	1600
2_FDD_FreqTblYM_Hz_u12p4[1][1]	1600
2_FDD_FreqTblYM_Hz_u12p4[1][2]	1600
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1600
2_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
12_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
: CmnVehSpd Kph u9p7[6]	32640
CmnVehSpd_Kph_u9p7[7]	32640
:_CmnVehSpd_Kph_u9p7[8]	32640
: CmnVehSpd Kph u9p7[9]	32640
_	
:_CmnVehSpd_Kph_u9p7[10]	32640
CmnVehSpd_Kph_u9p7[11]	32640
_DmpADDCoefX_MtrNm_u4p12[0]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	36045
_DmpADDCoefX_MtrNm_u4p12[2]	36045
DmpADDCoefX_MtrNm_u4p12[3]	36045
_DmpADDCoefX_MtrNm_u4p12[4]	36045
_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
_DmpADDCoefX_MtrNm_u4p12[7]	36045
_DmpADDCoefX_MtrNm_u4p12[8]	36045
:_DmpADDCoefX_MtrNm_u4p12[9]	36045
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	35776
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	35776
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	35776
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	35776
	35776
	35776
mpDecelGainSlewY_UlspS_u13p3[0]	4000
	4000
	1.5.5
t_DmpDecelGainSlewY_UlspS_u13p3[1]	4000
_DmpDecelGainSlewY_UlspS_u13p3[1] _DmpDecelGainSlewY_UlspS_u13p3[2]	4000
DmpDecelGainSlewY_UlspS_u13p3[1] DmpDecelGainSlewY_UlspS_u13p3[2] DmpDecelGainSlewY_UlspS_u13p3[3]	4000

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



Name	Input Value
:_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384
DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600
_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600
_FDD_AttenTblY_Uls_u8p8[0]	256
_FDD_AttenTblY_Uls_u8p8[1]	256
_FDD_BlendTblY_Uls_u8p8[0]	256
_FDD_BlendTblY_Uls_u8p8[1]	256
_FDD_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_BlendTblY_Uls_u8p8[9]	256
_FDD_BlendTblY_Uls_u8p8[10]	256
_FDD_BlendTblY_Uls_u8p8[11]	256
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	384
_InrtCmp_ScaleFactorTbIY_UIs_u9p7[3]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[6]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	384
_InrtCmp_ScaleFactorTbIY_UIs_u9p7[9]	384
_InrtCmp_ScaleFactorTbIY_Uls_u9p7[10]	384
_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	384
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128
_RIAstWIRBIndTbIY_UIs_u2p14[0]	16384
_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384
_RIAstWIRBindTbIY_Uls_u2p14[2]	16384
_RIAstWIRBIndTbIY_UIs_u2p14[3]	16384
_RIAstWIRBIndTbIY_Uls_u2p14[4]	16384
_WIRBIndTbIX_MtrNm_u8p8[0]	2048
_WIRBIndTbIX_MtrNm_u8p8[1]	2048
_WIRBIndTbIX_MtrNm_u8p8[2]	2048
_WIRBIndTbIX_MtrNm_u8p8[3]	2048
_WIRBIndTbIX_MtrNm_u8p8[4]	2048
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.8
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	8.8
gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	8.8
	Cmc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32

Prev2PreAttnComp\_MtrNm\_M\_f32

Prev2ScIDrvVel\_RadpS\_M\_f32

PrevTbarAng\_HwDeg\_M\_f32

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

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



8.8 ± 0.00048828125

 $12917.3 \pm 0.00390625$ 

8.8 ± 0.00048828125

-2.87210173650089 ± 0.00390625

1 ± 0.00390625

Name	Input Value		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSinrtCmp\_$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw1000000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	łwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrt$	_I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpBi	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	4.2949673e+009	4294967286 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2.45381431e+011	-245381471607.646 ± 999999.9	<b>✓</b>
Prev1ScIDn/Vel RadnS M f32	1112 98718	1112 9872366867 + 0 00390625	_

8.80000019

12917.2998

-2.8721137

8.80000019

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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.3 (Repeat Count = 1)	✓
Name	Input Value
PreDecelGain_Uls_M_f32	125487.235
Prev1PreAttnComp_MtrNm_M_f32	1.1
Prev1ScIDrvVel_RadpS_M_f32	2205.3
Prev2PreAttnComp_MtrNm_M_f32	7.3
Prev2SclDrvVel_RadpS_M_f32	101.2
PrevTbarAng_HwDeg_M_f32	-8.32
Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjection(SignalPath Uls	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.1258
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2
k_CmnTbarStiff_NmpDeg_f32	1.2
k_DmpDecelGainFSlew_UlspS_f32	100.02
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	16.5
k_DmpGainOnThresh_KphpS_f32	30.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387

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Name	Input Value	
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][7]	2728	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409	
2_FDD_FreqTblYM_Hz_u12p4[0][0]	16	
2_FDD_FreqTblYM_Hz_u12p4[0][1]	32	
2_FDD_FreqTblYM_Hz_u12p4[0][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[0][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[0][4]	80	
2_FDD_FreqTblYM_Hz_u12p4[0][5]	96	
2_FDD_FreqTblYM_Hz_u12p4[0][6]	112	
2_FDD_FreqTblYM_Hz_u12p4[0][7]	128	
2_FDD_FreqTblYM_Hz_u12p4[0][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[0][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[0][10]	176	
2_FDD_FreqTblYM_Hz_u12p4[0][11]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][0]	32	
2_FDD_FreqTblYM_Hz_u12p4[1][1]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	80	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	96	
2_FDD_FreqTbIYM_Hz_u12p4[1][5] 2_FDD_FreqTbIYM_Hz_u12p4[1][6]	112 128	
2_FDD_FreqTblYM_Hz_u12p4[1][7] 2_FDD_FreqTblYM_Hz_u12p4[1][8]	144	
z_FDD_FreqTbIYM_Hz_u12p4[1][8] 2_FDD_FreqTbIYM_Hz_u12p4[1][9]	176	
2_FDD_freqTblYM_Hz_u12p4[1][10]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	208	
	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	4506	
_DmpADDCoefX_MtrNm_u4p12[1]	4915	
_DmpADDCoefX_MtrNm_u4p12[2]	5325	
_DmpADDCoefX_MtrNm_u4p12[3]	5734	
_DmpADDCoefX_MtrNm_u4p12[4]	6144	
_DmpADDCoefX_MtrNm_u4p12[5]	6554	
_DmpADDCoefX_MtrNm_u4p12[6]	6963	
_DmpADDCoefX_MtrNm_u4p12[7]	7373	
_DmpADDCoefX_MtrNm_u4p12[8]	7782	
_DmpADDCoefX_MtrNm_u4p12[9]	8192	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3552	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3584	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3616	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3648	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3680	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3712	
_DmpDecelGainSlewY_UlspS_u13p3[0]	408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	424	
_DmpDecelGainSlewY_UlspS_u13p3[3]	432	
_DmpDecelGainSlewY_UlspS_u13p3[4]	440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
	2068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]		
_FDD_ADDStatic1blY_MtrNmpRadpS_um1p17[3] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2583 3099	

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Name	Input Value	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_AttenTbIX_MtrRadpS_u12p4[0]	240	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320	
t_FDD_AttenTbIY_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_UIs_u8p8[9]	26	
t_FDD_BlendTblY_UIs_u8p8[10]	28	
t_FDD_BlendTblY_Uls_u8p8[11]	31	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13 26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38	
	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64	
	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15	
t_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_WIRBIndTblX_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	8.1	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	600.2	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-10	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	10.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	100.01	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_HwTorque_Hv		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleLonAc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp_FrqDepDmpnInrtCmp_Per1_VehicleSpeed		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmp		DI
Name ProDecolGain Lile M #32	Actual Value	Resul

	0	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125487.031	125487.035 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	14899619	14899618.37 ± 99.9	~
Prev1SclDrvVel RadpS M f32	540.226318	540.2263355 ± 0.00390625	~

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Name	Actual Value	Expected Value	Result
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2205.30005	2205.3 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-8.33333302	-8.333333333 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	2.22103405	2.2210333333 ± 0.00390625	•
tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32.value	-1.20000005	-1.2 ± 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	<b>~</b>
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	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	<b>~</b>
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

lame	Input Value
reDecelGain_Uls_M_f32	125589.21
rev1PreAttnComp MtrNm M f32	-1.1
rev1ScIDrvVel RadpS M f32	-445.3
rev2PreAttnComp MtrNm M f32	-6.8
rev2ScIDrvVel RadpS M f32	-220.3
revTbarAng HwDeg M f32	4.339
tte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjection(SignalPath	- 111
tte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-2.5
barVelFiltSv_M_str.K_Uls_f32	0.2365
_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3
CmnTbarStiff NmpDeg f32	2.3
DmpDecelGainFSlew UlspS f32	200.03
DmpDecelGain Uls f32	3.6
DmpGainOffThresh KphpS f32	20.2
DmpGainOnThresh KphpS f32	35.3
_DmpGainOnTriesn_kpnpS_t32 _InrtCmp_MtrInertia_KgmSq_f32	0.00009
	0.8
_InrtCmp_MtrVel_ScaleFactor_UIs_f32	342
P. FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	683
P. FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
P_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
P_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2068
P_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2583
P_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
P_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
P_FDD_FreqTblYM_Hz_u12p4[0][0]	32
P_FDD_FreqTblYM_Hz_u12p4[0][1]	48
P_FDD_FreqTblYM_Hz_u12p4[0][2]	64
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	80
2_FDD_FreqTblYM_Hz_u12p4[0][4]	96
2_FDD_FreqTblYM_Hz_u12p4[0][5]	112
2_FDD_FreqTblYM_Hz_u12p4[0][6]	128
2_FDD_FreqTblYM_Hz_u12p4[0][7]	144

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Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][8] 160 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][9] t2 FDD FreqTblYM Hz\_u12p4[0][10] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[0][11] 208 t2 FDD\_FreqTblYM\_Hz\_u12p4[1][0] 48 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][1] 64 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 80 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 96 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][4] 112 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 128 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][6] 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 160 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 176 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 192 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 208 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 224 t\_CmnVehSpd\_Kph\_u9p7[0] 2560 3840 t\_CmnVehSpd\_Kph\_u9p7[1] t\_CmnVehSpd\_Kph\_u9p7[2] 5120 t\_CmnVehSpd\_Kph\_u9p7[3] 6400 t\_CmnVehSpd\_Kph\_u9p7[4] 7680 t\_CmnVehSpd\_Kph\_u9p7[5] 8960 t\_CmnVehSpd\_Kph\_u9p7[6] 10240 t\_CmnVehSpd\_Kph\_u9p7[7] 11520 t\_CmnVehSpd\_Kph\_u9p7[8] 12800 t\_CmnVehSpd\_Kph\_u9p7[9] 14080 15360 t CmnVehSpd Kph u9p7[10] t\_CmnVehSpd\_Kph\_u9p7[11] 16640 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 8602 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 9011 t DmpADDCoefX MtrNm u4p12[2] 9421 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 9830 t DmpADDCoefX MtrNm u4p12[4] 10240 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 10650 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 11059 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 11469 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 11878 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 12288 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[0] 3872  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1]$ 3904 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 3936 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 3968 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 4000 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5] 4032  $t\_DmpDecelGainSlewY\_UlspS\_u13p3[0]$ 1480 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 1488 t DmpDecelGainSlewY UlspS u13p3[2] 1496 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 1504 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1512 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 1520 t DmpFiltKpWIRBIndY Uls u2p14[0] 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4] 9830 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 704 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 814 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 924 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 1034 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 1144 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[5] 1254 1364 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]  $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]$ 1475 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 1585 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 1695 t FDD AttenTblX MtrRadpS u12p4[0] 352 t\_FDD\_AttenTbIX\_MtrRadpS\_u12p4[1] 400 t FDD AttenTblY Uls u8p8[0] 65 t\_FDD\_AttenTblY\_Uls\_u8p8[1] 68 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 5 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 8 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 10

13

t\_FDD\_BlendTblY\_Uls\_u8p8[3]

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FrqDepDmpnInrtCmp\_Per1

гідоеропірпіпістір_гегі			TOILCITOR
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 26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t WIRBIndTbIX MtrNm u8p8[0]	538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.2		
tgt FrqDepDmpnInrtCmp Per1 CRFMotorVel MtrRadpS f32.value	-600.3		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt FrqDepDmpnInrtCmp Per1 HwTorque HwNm f32.value	10		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	20.03		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	200.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.3		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCme	tgt_FrqDepDmpnInrtCmp_Per1_BaseAss	istCmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_RepUndersite (Computer of the Computer of the Comp$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMoto	orVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnIrrtCmp\_FrqDepDmpnIrrt$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepD	mpnInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorqu	e_HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAcception (Compared to the Compared to th$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLo	onAccel_KphpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleSpeed\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Inst\_Ap\_FrqDepDmpnInrtCm$	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleS	peed_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap\_FrqDepDmpnInrtCmp\_Per1\_WIRCmp\_Per1\_WIRCmdAmpBare Ap\_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare Ap_FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBare A$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmd	AmpBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125588.813	125588.8099 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-321190.063	-321190.1416 ± 0.9	
Prev1SclDrvVel_RadpS_M_f32	-480.309448	-480.3094401 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	
Prev2SclDrvVel_RadpS_M_f32	-445.299988	-445.3 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	4.347826	4.347826087 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-0.865101695	-0.865065217 ± 0.00390625	•
tot FraDenDmnnlortCmn Per1 FraDenDmnnlortCmn MtrNm f32 value	1 2999995	1 3 + 0 00048828125	

1.29999995

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

1.3 ± 0.00048828125



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

Test Step 3.5 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	125691.185
Prev1PreAttnComp_MtrNm_M_f32	2.2
Prev1ScIDrvVel_RadpS_M_f32	292.6
Prev2PreAttnComp_MtrNm_M_f32	6.8
Prev2ScIDrvVel_RadpS_M_f32	105.1
PrevTbarAng_HwDeg_M_f32	-0.001
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	2.5
FbarVelFiltSv_M_str.K_Uls_f32	0.35874
C_CmnSysKinRatio_MtrDegpHwDeg_f32	30.2
C_CmnTbarStiff_NmpDeg_f32	3.5
C_DmpDecelGainFSlew_UlspS_f32	100.02
C_DmpDecelGain_Uls_f32	4.5
C_DmpGainOffThresh_KphpS_f32	22.1
C_DmpGainOnThresh_KphpS_f32	40.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00002
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1585
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	64
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	80
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	96
2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
2_FDD_FreqTbIYM_Hz_u12p4[0][6]	144
2_FDD_FreqTbIYM_Hz_u12p4[0][7]	160
2_FDD_FreqTbIYM_Hz_u12p4[0][8]	176
2_FDD_FreqTbIYM_Hz_u12p4[0][9]	192
2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
2 FDD FreqTblYM Hz u12p4[1][1]	80

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FrqDepDmpnInrtCmp_Per1		Tazorat
lame	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
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	
_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]	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	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
DmpDecelGainSlewY_UlspS_u13p3[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]	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	
FDD_BlendTblY_Uls_u8p8[1]	13	
FDD_BlendTblY_Uls_u8p8[2]	15	
	18	
FDD_BlendTblY_Uls_u8p8[3]		
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	

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		,
Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	36	
t_FDD_BlendTblY_Uls_u8p8[11]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	38	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	41	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45	
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915	
t_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_WIRBIndTblX_MtrNm_u8p8[1]	819	
t_WIRBIndTblX_MtrNm_u8p8[2]	845	
t_WIRBIndTblX_MtrNm_u8p8[3]	870	
t_WIRBIndTblX_MtrNm_u8p8[4]	896	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	7.3	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	500.4	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.01	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	300.05	
tgt FrqDepDmpnInrtCmp Per1 WIRCmdAmpBInd MtrNm f32.value	3.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-2.2	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC		
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 CRFMotorVe		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm		
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonA		
tgt Rte Inst Ap FrgDepDmpnInrtCmp.FrgDepDmpnInrtCmp Per1 VehicleSpee	1	
		Docul
tgt_Rte_inst_Ap_frqDepDmpninrtCmp.FrqDepDmpninrtCmp_Per1_WiRCmdAm Name		Resu

<u>v= = = := : : : : := = =               </u>	.   0 =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125690.984	125690.985 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	232822.953	232822.9685 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	350.610321	350.6103097 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	2.20000005	2.2 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	292.600006	292.6 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.78252006	1.78252 ± 0.00390625	<b>✓</b>
tot FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	-2.20000005	-2.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.6 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	125793.16
Prev1PreAttnComp_MtrNm_M_f32	-2.2
Prev1SclDrvVel_RadpS_M_f32	-160.3
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2ScIDrvVel RadpS M f32	-301.2
PrevTbarAng_HwDeg_M_f32	-1.1549
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Sign	nalPath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte Inst Ap FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-1.5
FbarVelFiltSv_M_str.K_Uls_f32	0.47856
CmnSysKinRatio MtrDegpHwDeg f32	40.4
C_CmnTbarStiff_NmpDeg_f32	4.5
C_DmpDecelGainFSlew_UlspS_f32	200.05
C_DmpDecelGain_Uls_f32	3.2
<pre>C_DmpDeceiGain_Ois_i32</pre> <pre>C_DmpGainOffThresh_KphpS_f32</pre>	22.3
	45.6
C_DmpGainOnThresh_KphpS_f32	0.00003
(_InrtCmp_MtrInertia_KgmSq_f32	
C_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.6
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	986
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1087
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1793
	64
2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
2_1 DD_1 req1011M_112_012p4[0][0] 2 FDD FreqTblYM Hz u12p4[0][6]	160
2_FDD_FreqTblYM_Hz_u12p4[0][0] 2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
z_FDD_F1eq1b1fM_Hz_u12p4[0][7] 2_FDD_FreqTbIYM_Hz_u12p4[0][8]	192
2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
2_FDD_FreqTblYM_Hz_u12p4[0][11]	240
2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96

FrqDepDmpnInrtCmp\_Per1



Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
t2 FDD FreqTblYM Hz u12p4[1][5]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
	512	
t_CmnVehSpd_Kph_u9p7[3]		
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	16794	
t_DmpADDCoefX_MtrNm_u4p12[1]	17203	
t_DmpADDCoefX_MtrNm_u4p12[2]	17613	
t_DmpADDCoefX_MtrNm_u4p12[3]	18022	
t_DmpADDCoefX_MtrNm_u4p12[4]	18432	
t_DmpADDCoefX_MtrNm_u4p12[5]	18842	
t_DmpADDCoefX_MtrNm_u4p12[6]	19251	
t_DmpADDCoefX_MtrNm_u4p12[7]	19661	
t_DmpADDCoefX_MtrNm_u4p12[8]	20070	
t_DmpADDCoefX_MtrNm_u4p12[9]	20480	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
t DmpDecelGainSlewY UlspS u13p3[4]	1240	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	8192	
t DmpFiltKpWIRBIndY Uls u2p14[2]	9830	
t_DmpFiltKpWIRBIndY_UIs_u2p14[3] t DmpFiltKpWIRBIndY UIs_u2p14[4]	11469	
	13107	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	116	
t_FDD_AttenTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[0]	13	
t_FDD_BlendTblY_Uls_u8p8[1]	15	
t_FDD_BlendTblY_Uls_u8p8[2]	18	
t_FDD_BlendTblY_Uls_u8p8[3]	20	
t_FDD_BlendTblY_Uls_u8p8[4]	23	
t_FDD_BlendTblY_Uls_u8p8[5]	26	
t_FDD_BlendTblY_Uls_u8p8[6]	28	
t_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTblY_Uls_u8p8[8]	33	
t_FDD_BlendTblY_Uls_u8p8[9]	36	
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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	38	
t_FDD_BlendTblY_Uls_u8p8[11]	41	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141	
	154	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	46	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	47	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	50	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	51	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	52	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	55	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	56	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60	
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	11469	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-7.1	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-500.5	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-5.2	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	40.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	400.06	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.1	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.5	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_(	Cnt_lgc
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm	_f32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	t tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	1	2
Name	Actual Value Expected Val	ue Result

	hhhhhh	· · · _ · · · · · · · · · · · · · · · ·	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125792.758	125792.7599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	512151.25	512151.2172 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-300.610382	-300.610367 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-160.300003	-160.3 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-1.15555549	-1.155555556 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-0.939015687	-0.939021333 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	2.5	2.5 ± 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.7 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	125895.135
Prev1PreAttnComp_MtrNm_M_f32	3.3
Prev1SclDrvVel_RadpS_M_f32	2625.3
Prev2PreAttnComp_MtrNm_M_f32	5.2
Prev2SclDrvVel_RadpS_M_f32	157.2
PrevTbarAng_HwDeg_M_f32	1.009
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	1.5
barVelFiltSv_M_str.K_Uls_f32	0.58963
_CmnSysKinRatio_MtrDegpHwDeg_f32	50.03
C_CmnTbarStiff_NmpDeg_f32	5.2
_DmpDecelGainFSlew_UlspS_f32	300.06
C_DmpDecelGain_Uls_f32	4.2
C_DmpGainOffThresh_KphpS_f32	33.2
C_DmpGainOnThresh_KphpS_f32	15.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00004
:_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1288
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	96
2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	128
2_FDD_FreqTblYM_Hz_u12p4[0][4]	144
2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
2_FDD_FreqTblYM_Hz_u12p4[0][6]	176
2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
2_FDD_FreqTblYM_Hz_u12p4[0][8]	208
2_FDD_FreqTblYM_Hz_u12p4[0][9]	224
2_FDD_FreqTblYM_Hz_u12p4[0][10]	240
2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
2_FDD_FreqTbIYM_Hz_u12p4[1][0]	96
2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

FrqDepDmpnInrtCmp\_Per1



T TQD GPD TIP TITLE TO T		(
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	240	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
t2_FDD_FreqTbIYM_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 14080	
t_CmnVehSpd_Kph_u9p7[9]		
t_CmnVehSpd_Kph_u9p7[10] t_CmnVehSpd_Kph_u9p7[11]	15360 16640	
t_CmnvenSpa_kpn_u9p7[11] t_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t DmpADDCoefX MtrNm u4p12[3]	22118	
t_DmpADDCoefX_MtrNm_u4p12[4]	22528	
t_DmpADDCoefX_MtrNm_u4p12[5]	22938	
t_DmpADDCoefX_MtrNm_u4p12[6]	23347	
t_DmpADDCoefX_MtrNm_u4p12[7]	23757	
t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1616	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1624	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	13107	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246 1638	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2422	
t FDD ADDStaticTblY MtrNmpRadpS_um1p17[4]	2814	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
t FDD ADDStaticTolY 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_AttenTbIX_MtrRadpS_u12p4[0]	512	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560	
t_FDD_AttenTblY_Uls_u8p8[0]	144	
t_FDD_AttenTblY_Uls_u8p8[1]	146	
t_FDD_BlendTblY_Uls_u8p8[0]	15	
t_FDD_BlendTblY_Uls_u8p8[1]	18	
t_FDD_BlendTblY_Uls_u8p8[2]	20	
t_FDD_BlendTblY_Uls_u8p8[3]	23	
t_FDD_BlendTblY_Uls_u8p8[4]	26	
t_FDD_BlendTblY_Uls_u8p8[5]	28	
t_FDD_BlendTblY_Uls_u8p8[6]	31	
t_FDD_BlendTblY_Uls_u8p8[7]	33	
t_FDD_BlendTblY_Uls_u8p8[8]	36	
t_FDD_BlendTblY_Uls_u8p8[9]	38	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	64		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	77		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	67		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	69		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t RIAstWIRBIndTblY Uls u2p14[0]	8192		
t RIAstWIRBIndTbIY Uls u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
	14746		
t_RIAstWIRBIndTblY_Uls_u2p14[4]			
t_WIRBIndTbIX_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	6.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	400.6		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	5.3		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	500.08		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-3.6		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmo			
lgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	· - · · ·		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0	·	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpec	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125894.531	125894.5349 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	16663430	16663430.49 ± 99.9	•
Prev1SclDrvVel_RadpS_M_f32	202.182922	202.1828953 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	3.29999995	3.3 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	2625.30005	2625.3 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	1.01923084	1.019230769 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	3.63177729	3.631739231 ± 0.00390625	~
tat FraDenDmonlartCmn Per1 FraDenDmonlartCmn MtrNm f32 value	-3 5000000	-3.6 + 0.00048828125	



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	<b>✓</b>
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	<b>~</b>
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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.8 (Repeat Count = 1)	Innuit Value
Name	Input Value
PreDecelGain_Uls_M_f32	125997.11
Prev1PreAttnComp_MtrNm_M_f32	-3.3
Prev1ScIDrvVel_RadpS_M_f32	-4021.3
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2ScIDrvVel_RadpS_M_f32	-363.2
PrevTbarAng_HwDeg_M_f32	0.159
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPati	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-6.6
FbarVelFiltSv_M_str.K_Uls_f32	0.63214
c_CmnSysKinRatio_MtrDegpHwDeg_f32	60.05
C_CmnTbarStiff_NmpDeg_f32	6.2
C_DmpDecelGainFSlew_UlspS_f32	400.05
C_DmpDecelGain_Uls_f32	6.5
C_DmpGainOffThresh_KphpS_f32	44.5
C_DmpGainOnThresh_KphpS_f32	20.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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_FreqTbIYM_Hz_u12p4[0][5]	176
2_FDD_FreqTbIYM_Hz_u12p4[0][6]	192
2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
2_FDD_FreqTbIYM_Hz_u12p4[0][9]	240
2_FDD_FreqTbIYM_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

FrqDepDmpnInrtCmp\_Per1



Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2 FDD FreqTblYM Hz u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t CmnVehSpd Kph u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_DmpADDCoefX_MtrNm_u4p12[0]	24986
t_DmpADDCoefX_MtrNm_u4p12[1]	25395
t_DmpADDCoefX_MtrNm_u4p12[2]	25805
t_DmpADDCoefX_MtrNm_u4p12[3]	26214
t_DmpADDCoefX_MtrNm_u4p12[4]	26624
	27034
t_DmpADDCoefX_MtrNm_u4p12[5]	
t_DmpADDCoefX_MtrNm_u4p12[6]	27443
t_DmpADDCoefX_MtrNm_u4p12[7]	27853
t_DmpADDCoefX_MtrNm_u4p12[8]	28262
t_DmpADDCoefX_MtrNm_u4p12[9]	28672
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	2408
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432
t_DmpDecelGainSlewY_UlspS_u13p3[4]	2440
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1427
t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]	1655
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	1884
	2112
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	
t_FDD_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	3480
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	656
	720
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	
t_FDD_AttenTblY_Uls_u8p8[0]	172
t_FDD_AttenTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[0]	18
t_FDD_BlendTblY_Uls_u8p8[1]	20
t_FDD_BlendTblY_Uls_u8p8[2]	23
t_FDD_BlendTblY_Uls_u8p8[3]	26
t_FDD_BlendTblY_Uls_u8p8[4]	28
t_FDD_BlendTblY_Uls_u8p8[5]	31
t_FDD_BlendTblY_Uls_u8p8[6]	33
t_FDD_BlendTbIY_Uls_u8p8[7]	36
t_FDD_BlendTblY_Uls_u8p8[8]	38
t_FDD_BlendTblY_Uls_u8p8[9]	41
	·

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	243		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	256		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78		
t_InrtCmp_1barVel_ScaleFactor1blY_0ls_u9p7[1] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	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]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	1638		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTblY_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	-6.3		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-20.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	110.07		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.5		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmodel{eq:local_prop} \\$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_ItALITERS (A property of the property o$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpSrrqDepDmpNnrtCmp\_Per1\_FreqDepDmpSrrqDepDmpNnrtCmp\_Per1\_FreqDepDmpNnrtCmp\_FreqDepDmpNnrtCmp$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr	npSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_HwI	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt FrqDepDmpnInrtCmp Per1 VehicleLon	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed_ltgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBi	0- 1 1 1 1		

<u> </u>	.   0 = 1 1 1 1 = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	125996.313	125996.3099 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-9984653	-9984653.482 ± 9.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-447.704346	-447.704346 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.29999995	-3.3 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-4021.30005	-4021.3 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0.164516136	0.164516129 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.684389591	-0.684393097 ± 0.00390625	<b>✓</b>
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	3.5	3.5 ± 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	<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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.9 (Repeat Count = 1)	🔻
Name	Input Value
PreDecelGain_Uls_M_f32	126099.085
Prev1PreAttnComp MtrNm M f32	4.4
Prev1SclDrvVel_RadpS_M_f32	1234.2
Prev2PreAttnComp_MtrNm_M_f32	2.3
Prev2SclDrvVel_RadpS_M_f32	4678.2
PrevTbarAng_HwDeg_M_f32	-0.129
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.2
TbarVelFiltSv_M_str.K_Uls_f32	0.014785
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.5
k CmnTbarStiff NmpDeg f32	7.5
k_DmpDecelGainFSlew_UlspS_f32	500.02
k_DmpDecelGain_Uls_f32	5.6
k_DmpGainOffThresh_KphpS_f32	8.6
k_DmpGainOnThresh_KphpS_f32	25.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	1638
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	2030
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2422
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	2814
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	2112
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	2340
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2796
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3252
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	3480
12_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
tz_FDD_FreqTbIYM_Hz_u12p4[0][4] t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	416
tz_FDD_FteqTbtfM_Hz_u12p4[0][6] t2_FDD_FreqTbtYM_Hz_u12p4[0][6]	432
tz_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	448
tz_FDD_FreqTbIYM_Hz_u12p4[0][7] t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	464
	480
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	
12_FDD_FreqTbIYM_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

FrqDepDmpnInrtCmp\_Per1



т түр бүр түттүстү		(11 10 10 10
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	800	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
t_CmnVehSpd_Kph_u9p7[0]	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 28672	
t_DmpADDCoefX_MtrNm_u4p12[1]	28672 29082	
t_DmpADDCoefX_MtrNm_u4p12[2] t DmpADDCoefX MtrNm u4p12[3]	29082	
t_DmpADDCoefX_MtrNm_u4p12[3] t_DmpADDCoefX_MtrNm_u4p12[4]	29901	
t_DmpADDCoefX_MtrNm_u4p12[5]	30310	
t_DmpADDCoefX_MtrNm_u4p12[6]	30720	
t_DmpADDCoefX_MtrNm_u4p12[7]	31130	
t_DmpADDCoefX_MtrNm_u4p12[8]	31539	
t_DmpADDCoefX_MtrNm_u4p12[9]	31949	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
t DmpDecelGainSlewY UlspS u13p3[0]	384	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	2455	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	2878	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[4]	3302	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	3725	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	4148	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	4572	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4995	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	5419	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800	
t_FDD_AttenTblY_Uls_u8p8[0]	218	
t_FDD_AttenTblY_Uls_u8p8[1]	220	
t_FDD_BlendTblY_Uls_u8p8[0]	20	
t_FDD_BlendTblY_Uls_u8p8[1]	23	
t_FDD_BlendTblY_Uls_u8p8[2]	26	
t_FDD_BlendTblY_Uls_u8p8[3]	28	
t_FDD_BlendTblY_Uls_u8p8[4]	31	
t_FDD_BlendTblY_Uls_u8p8[5]	33	
t_FDD_BlendTblY_Uls_u8p8[6]	36	
t_FDD_BlendTblY_Uls_u8p8[7]	38	
t_FDD_BlendTbIY_Uls_u8p8[8]	41	
t_FDD_BlendTbIY_Uls_u8p8[9]	44	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	93		
t_InrtCmp_TbarVel_ScaleFactorTblY_Uis_u9p7[2]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uis_u9p7[3]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uis_u9p7[3]  t_InrtCmp_TBarVel_ScaleFactorTblY_Uis_u9p7[4]	97		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
t_InrtCmp_TBarVel_ScaleFactorTbIY_Uls_u9p7[6]	100		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTblX_MtrNm_u8p8[4]	1869		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	4.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	1118		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.03		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-30.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	120.08		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.1		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-4.5		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmproperstate (Compared to the Compared t$	c tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist	Cmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_Per1\_CRFMot$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotor\	/el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDr	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDm	pnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI			
Name	Actual Value	Expected Value	Result
		pootou fuido	.103

<u> </u>	.   0 = = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126098.086	126098.085 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-3128609.5	-3128609.352 ± 9.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	340.747711	340.7476731 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.4000001	4.4 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	1234.19995	1234.2 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.137333333	-0.137333333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	6.04672861	6.046728833 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-4.5	-4.5 ± 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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.10 (Repeat Count = 1)	
	Input Value
	126201.06
	-4.4
Prev1ScIDrvVel_RadpS_M_f32	-270.2
_ :	-1.7
,	-15.3
	0.279
0_ 0_ 1	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_rte_caii_Ap_i rqbepbriipiiiiirtchip_i tanjection_oconi_i tanjectio
	-5.5
	-0.0 0.025896
	80.02
_ , 61	8.8
	600.06
	7.2
- '	
	16.2
_ , , _	30.2
	0.0001
_ !	0.2
	1427
	1655
	1884
	2112
	2340
	2568
	2796
, , _ , ,,	3024
	3252
	3480
	1608
	2032
	2455
	2878
	3302
	3725
	4148
	4572
0 _ 1 1 _ 1 1 1 1 1	4995
	5419
	656
	672
	688
, ,	704
, , , , ,	720
	736
	752
	768
, ,,	784
	800
	816
	832
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	1296
	1312

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392	
t2_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	
12_FDD_FreqTblYM_Hz_u12p4[1][11]	1472	
CmnVehSpd_Kph_u9p7[0]	10368	
 CmnVehSpd_Kph_u9p7[1]	10496	
CmnVehSpd_Kph_u9p7[2]	10624	
	10752	
cmnVehSpd_Kph_u9p7[4]	10880	
_CmnVehSpd_Kph_u9p7[5]	11008	
_CmnVehSpd_Kph_u9p7[6]	11136	
_CmnVehSpd_Kph_u9p7[7]	11264	
	11392	
_CmnVehSpd_Kph_u9p7[8]		
_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	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
	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	
DmpFiltKpWlRBIndY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	2811	
_FDD_ADDStaticTbIY_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]	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_BlendTblY_Uls_u8p8[1]	51	
_FDD_BlendTblY_Uls_u8p8[2]	54	
_FDD_BlendTblY_Uls_u8p8[3]	57	
FDD_BlendTblY_Uls_u8p8[4]	60	
_FDD_BlendTblY_Uls_u8p8[5]	63	
_FDD_BlendTblY_Uls_u8p8[6]	66	
E_FDD_BlendTblY_Uls_u8p8[7]	68	
t_FDD_BlendTbIY_Uls_u8p8[8]	71	
	74	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	77	
t FDD BlendTblY Uls u8p8[11]	80	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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	
	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15	
	4915	
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_RIAstWIRBIndTblY_Uls_u2p14[4]	410	
t_WIRBIndTblX_MtrNm_u8p8[0]	435	
t_WIRBIndTblX_MtrNm_u8p8[1]		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461	
t_WIRBIndTblX_MtrNm_u8p8[3]	486	
t_WIRBIndTblX_MtrNm_u8p8[4]	512	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-4.5	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-40.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	130.09	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	7.1	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	4.3	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn		32
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	Bi tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBind_MtrNm_f32	
Name	Actual Value Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126199.859	126199.8599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-377091.875	-377091.8717 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-0.866061449	-0.866061495 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-270.200012	-270.2 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.284090906	0.284090909 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-5.29165506	-5.291654909 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	4.30000019	4.3 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte Call FrgDenDmnnInrtCmn Per1 CP1 ChecknointReached	1	Rte Call FroDenDmonInrtCmp Per1 CP1 CheckpointReached	1	_

Test Step 3.11 (Repeat Count = 1)	v v
Name	Input Value
PreDecelGain_Uls_M_f32	126303.035
Prev1PreAttnComp MtrNm M f32	5.5
Prev1ScIDrvVel_RadpS_M_f32	6789
Prev2PreAttnComp_MtrNm_M_f32	1.7
Prev2ScIDrvVel_RadpS_M_f32	5322.2
PrevTbarAng HwDeg M f32	-0.269
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_I	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	5.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03698
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.02
k CmnTbarStiff NmpDeg f32	9.6
k_DmpDecelGainFSlew_UlspS_f32	700.02
k_DmpDecelGain_Uls_f32	8.5
k_DmpGainOffThresh_KphpS_f32	24.1
k_DmpGainOnThresh_KphpS_f32	35.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	2455
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	2878
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[3][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
	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
12_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152

FrqDepDmpnInrtCmp\_Per1

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T TQB CPB TIPTITITION P_T CTT		
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232	
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	1248	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	1264	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	1280	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312	
t_CmnVehSpd_Kph_u9p7[0]	5248	
t_CmnVehSpd_Kph_u9p7[1]	5376	
t_CmnVehSpd_Kph_u9p7[2]	5504	
t_CmnVehSpd_Kph_u9p7[3]	5632	
t_CmnVehSpd_Kph_u9p7[4]	5760	
t_CmnVehSpd_Kph_u9p7[5]	5888	
t_CmnVehSpd_Kph_u9p7[6]	6016	
t_CmnVehSpd_Kph_u9p7[7]	6144	
t_CmnVehSpd_Kph_u9p7[8]	6272	
t_CmnVehSpd_Kph_u9p7[9]	6400 6528	
t_CmnVehSpd_Kph_u9p7[10] 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_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	14592	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	14624	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	14656	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	14688	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	14720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	14752	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	288	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	296	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	304	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	312	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	320	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	328	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	161	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	328	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
t_FDD_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1659	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	944 960	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]		
t_FDD_AttenTblY_Uls_u8p8[0]	78 80	
t_FDD_AttenTblY_Uls_u8p8[1]	65	
t_FDD_BlendTblY_Uls_u8p8[0]		
t_FDD_BlendTblY_Uls_u8p8[1]	68	
t_FDD_BlendTblY_Uls_u8p8[2]	70	
t_FDD_BlendTblY_Uls_u8p8[3]	73	
t_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80 83	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	88	
t_FDD_BlendTblY_Uls_u8p8[9]	00	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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_RIAstWIRBIndTblY_UIs_u2p14[0]	6554		
t RIAstWIRBIndTblY Uls u2p14[1]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[3]	11469		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTblX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	3.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-350.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.6		
tgt FrqDepDmpnInrtCmp_Fe11_nw10ique_nwnin_i32.value	11.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	140.02		
tgt_FrqDepDmpnInrtCmp_Fer1_VeriicleSpeed_Rpii_i52.value	1.1		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-5.2		
tgt_rtte_caii_Ap_rtqDepDmpnInrtCmp_rtinjection_3com_rtinjectio tgt_rtte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		tCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmps	1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnI			
tgt Rte Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_FrqDepDmpnI tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hv			
tgt_Rte_Inst_Ap_FtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_Hw10ique_Hw tgt_Rte_Inst_Ap_FtqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Pe11_VehicleLonAct		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInttCmp.FrqDepDmpnInttCmp_Per1_verlicleLonAct			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Peri VenicieSpeed tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmpI			
Name	Actual Value	Expected Value	Result

<u> </u>	.   0	·	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126301.633	126301.635 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	1181610.88	1181610.552 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-33.2495117	-33.24951101 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	6789	6789 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.270833313	-0.270833333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	4.9738059	4.973805667 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.19999981	-5.2 ± 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	<b>~</b>
DecelGain	1	DecelGain	1	<b>✓</b>
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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.12 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	126405.01
Prev1PreAttnComp_MtrNm_M_f32	-5.5
Prev1SclDrvVel_RadpS_M_f32	-37.03
Prev2PreAttnComp_MtrNm_M_f32	-8.3
Prev2SclDrvVel_RadpS_M_f32	-42.2
PrevTbarAng_HwDeg_M_f32	2.459
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-4.2
FbarVelFiltSv_M_str.K_Uls_f32	0.02547
CmnSysKinRatio_MtrDegpHwDeg_f32	11.12
CmnTbarStiff_NmpDeg_f32	1.5
C_DmpDecelGainFSlew_UlspS_f32	800.01
C_DmpDecelGain_Uls_f32	9.5
C_DmpGainOffThresh_KphpS_f32	32.3
C_DmpGainOnThresh_KphpS_f32	40.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00009
CInrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1152
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	1168
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1184
2_FDD_FreqTbIYM_Hz_u12p4[0][4]	1200
2_FDD_FreqTbIYM_Hz_u12p4[0][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTbIYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTbIYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTbIYM_Hz_u12p4[0][10]	1296
2_FDD_FreqTbIYM_Hz_u12p4[0][11]	1312
2_FDD_FreqTbIYM_Hz_u12p4[1][0]	176
2_FDD_FreqTblYM_Hz_u12p4[1][1]	192

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M	Innuel Malura	
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	272	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	352	
_CmnVehSpd_Kph_u9p7[0]	3968	
_CmnVehSpd_Kph_u9p7[1]	4096	
_CmnVehSpd_Kph_u9p7[2]	4224	
_CmnVehSpd_Kph_u9p7[3]	4352	
_CmnVehSpd_Kph_u9p7[4]	4480	
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	
	5248	
: CmnVehSpd Kph u9p7[11]	5376	
	4506	
_DITIPADDCOetX_MtrNm_u4p12[0] _DmpADDCoefX_MtrNm_u4p12[1]	4915	
:_DmpADDCoefX_MtrNm_u4p12[1]	5325	
DITIPADDCOetX_MtrNm_u4p12[2] _DmpADDCoefX_MtrNm_u4p12[3]	5734	
	6144	
_DmpADDCoefX_MtrNm_u4p12[4]	6554	
_DmpADDCoefX_MtrNm_u4p12[5]		
_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	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	21024	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	21056	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	21088	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	21120	
:_DmpDecelGainSlewY_UlspS_u13p3[0]	384	
_DmpDecelGainSlewY_UlspS_u13p3[1]	392	
t_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_UIs_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[4] _FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
_FDD_ADDStaticTbH_MitNipRadpS_um1p17[6] _FDD_ADDStaticTbHY_MtrNmpRadpS_um1p17[6]	2387	
	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]		
_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	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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_Uis_u2p14[0]	8192		
t RIAstWIRBIndTblY Uls u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RiAstWiRBindTblY_Uis_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTblX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	350.3		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.7		
tgt FrqDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	22.03		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	150.03		
	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	5.3		
tgt_rtte_caii_xp_rtqDepDmpnInrtCmp_rttinjection_3coni_rttinjectio tgt_rtte_lnst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn		tCmd MtrNm f32	
tgt_Rte_Inst_Ap_FiqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_baseAssiston			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_FreqDepDmpn tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn			
.gr_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_FrqDepDmpn tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInttCmp.FrqDepDmpnInttCmp_Per1_nw1orque_n tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	· · · · · · · · · · · · · · · · · ·		
.gr_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_veniceLonAd tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VenicleSpeed			
tgt Rte Inst Ap FrqDepDmpninrtCmp.FrqDepDmpninrtCmp Peri VenicleSpeed tgt Rte Inst Ap FrqDepDmpninrtCmp.FrqDepDmpninrtCmp Per1 WIRCmdAmp			
	1 2 1 1 1 1 1 1 1		
Name	Actual Value	Expected Value	Result

<u>v= = = := : : : : := = =               </u>	.   0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126403.406	126403.41 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-343428.688	-343428.7798 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	314.997375	314.9973886 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-37.0299988	-37.03 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	2.4666667	2.466666667 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-3.99539185	-3.995391 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	5.30000019	5.3 ± 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.13 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126506.985
Prev1PreAttnComp_MtrNm_M_f32	6.6
Prev1SclDrvVel_RadpS_M_f32	26.02
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2SclDrvVel_RadpS_M_f32	17.2
PrevTbarAng_HwDeg_M_f32	-1.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_	Uls tgt Rte Call Ap FrqDepDmpnInrtCmp FltInjection SCom FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.3
TbarVelFiltSv M str.K Uls f32	0.02145
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.13
k_CmnTbarStiff_NmpDeg_f32	2.5
k_DmpDecelGainFSlew_UlspS_f32	900.03
k_DmpDecelGain_Uls_f32	1.1
k_DmpGainOffThresh_KphpS_f32	40.2
k_DmpGainOnThresh_KphpS_f32	45.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2 FDD ADDRollingTbIYM MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	3725
	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	
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_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[0][5]	256
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512

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FrqDepDmpnInrtCmp_Per1	2014-09-19, 16:56:10+0530	Razorcat
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608	
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	624	
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640	
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	656 672	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650 11059	
t_DmpADDCoefX_MtrNm_u4p12[6] t_DmpADDCoefX_MtrNm_u4p12[7]	11469	
t_DmpADDCoefX_MtrNm_u4p12[8]	11878	
t_DmpADDCoefX_MtrNm_u4p12[9]	12288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	25216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	25248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	25280	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	25312	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	25344	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	25376	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	464	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	472	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1] t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	3277 4915	
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	523	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1038	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1553	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120	
t_FDD_AttenTblY_Uls_u8p8[0]	129	
t_FDD_AttenTblY_Uls_u8p8[1]	131	
t_FDD_BlendTblY_Uls_u8p8[0]	116	
t_FDD_BlendTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[2]	121	
t_FDD_BlendTblY_Uls_u8p8[3]	123	
t_FDD_BlendTblY_Uls_u8p8[4]	126	
t_FDD_BlendTblY_Uls_u8p8[5]	129	
t_FDD_BlendTblY_Uls_u8p8[6]	131 134	
t_FDD_BlendTblY_Uls_u8p8[7]		
t_FDD_BlendTblY_Uls_u8p8[8]	136	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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_ScaleFactorTbIY_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		
	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10] t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]			
t_RIAstWIRBIndTblY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTblX_MtrNm_u8p8[1]	1203		
t_WIRBIndTblX_MtrNm_u8p8[2]	1229		
t_WIRBIndTblX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-8.8		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-400.2		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.8		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	33.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	160.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-6.2		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmpTerpDepDmpnInrtCmp\_BaseAssistCmpTerDDmpDmpnInrtCmp$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorV$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpSepDmpNInrtCmp\_Per1\_FreqDepDmpSepDmpNInrtCmp\_Per1\_FreqDepDmpSepDmpNInrtCmp\_Per1\_FreqDepDmpNInrtCmp\_FreqDepDmpNI$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$	n tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HwTorqu$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_F	HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccept (Continuous) and the property of t$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonA	.ccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpee	d_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpleter(App_Per1_WIRCmdAmpleter(App_WIRCmdAmpleter(App_Per1_$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
Pro-Pro-IO-in Lille M 600	126505 100	100505 1040 1 0 0005	

@C. v=Zv=C #Zv -d= eb= vb-vv+ev+bv -d= eb= vb-vv+ev+bZv -a vZvv+ev+ev+	hhhhhh		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126505.188	126505.1849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	1010980	1010980.109 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	-319.417603	-319.4175991 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.0200005	26.02 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-1.51999998	-1.52 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	4.10051537	4.100515 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-6.19999981	-6.2 ± 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.14 (Repeat Count = 1)	<b>✓</b>
	Input Value
	126608.96
	-6.6
Prev1ScIDrvVel_RadpS_M_f32	-33.05
	-7.5
,	-922.3
	1.16
	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	-3.5
	0.03692
	33.15
_ , 61	3.5
	1000.05
	1.5
	48.2
	47.6
	0.00011
	0.99
	1789
	2130
	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3152
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512
t2_FDD_FreqTblYM_Hz_u12p4[0][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
	608
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624
	640
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_FreqTbIYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

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-гідреропірпіпістір_Регі		(WEC) (MI
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	192	
12_FDD_FreqTblYM_Hz_u12p4[1][9]	208	
12_FDD_FreqTblYM_Hz_u12p4[1][10]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	240	
t_CmnVehSpd_Kph_u9p7[0]	2560	
cmnVehSpd_Kph_u9p7[1]	3840	
cmnVehSpd_Kph_u9p7[2]	5120	
:_CmnVehSpd_Kph_u9p7[3]	6400	
cmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
	11520	
_CmnVehSpd_Kph_u9p7[7]	12800	
_CmnVehSpd_Kph_u9p7[8]		
_CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	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]	3264	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3296	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3328	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	3392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	3424	
 DmpDecelGainSlewY_UlspS_u13p3[0]	680	
t DmpDecelGainSlewY UlspS u13p3[1]	688	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	696	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	704	
: DmpDecelGainSlewY UlspS u13p3[4]	712	
:_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
:_DmpFiltKpWlRBIndY_Uls_u2p14[0]	3277	
	4915	
_DmpFiltKpWlRBIndY_Uls_u2p14[1]		
DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_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_ADDStaticTbIY_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]	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_BlendTblY_Uls_u8p8[3]	152	
_FDD_BlendTblY_Uls_u8p8[4]	154	
FDD_BlendTblY_Uls_u8p8[5]	157	
:_FDD_BlendTblY_Uls_u8p8[6]	159	
E_FDD_BlendTblY_Uls_u8p8[7]	162	
t_FDD_BlendTbIY_Uls_u8p8[8]	164	
	167	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	169		
t_FDD_BlendTblY_Uls_u8p8[11]	172		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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		
	73		
t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[9] t_InrtCmp_TBarVel_ScaleFactorTbIY_UIs_u9p7[10]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	76		
t_RiAstWiRBindTbiY_Uis_u2p14[0]	3277		
t_RiAstWiRBindTbiY_Uis_u2p14[1]	4915		
t_RiAstWiRBindTbiY_Uls_u2p14[7]	6554		
t_RiAstWiRBindTbiY_Uls_u2p14[3]	8192		
t_RiAstWiRBindTbiY_Uls_u2p14[4]	9830		
	1434		
t_WIRBIndTblX_MtrNm_u8p8[0]	1459		
t_WIRBIndTblX_MtrNm_u8p8[1]			
t_WIRBIndTblX_MtrNm_u8p8[2]	1485 1510		
t_WIRBIndTbIX_MtrNm_u8p8[3]			
t_WIRBIndTblX_MtrNm_u8p8[4]	1536		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	8.8		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	300.6		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	4.1		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-11.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	170.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.4		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.1	Ora d Markley 600	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn		· <del>-</del> -	
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	0- 1 1 1 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

<u>v= = = := : : : : : : = = =            </u>	. 0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126606.961	126606.9599 ± 0.0625	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	1334381.63	1334381.785 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	296.508514	296.5085113 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5999999	-6.6 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-33.0499992	-33.05 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.17142856	1.171428571 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-3.15980816	-3.159808571 ± 0.00390625	~
tot FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	6.0999999	6.1 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte Call FrgDenDmnnInrtCmn Per1 CP1 ChecknointReached	1	Rte Call FrgDenDmonlortCmn Per1 CP1 ChecknointReached	1	_

Test Step 3.15 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126710.935
Prev1PreAttnComp MtrNm M f32	7.7
Prev1SclDrvVel_RadpS_M_f32	18.03
Prev2PreAttnComp_MtrNm_M_f32	7.5
Prev2ScIDrvVel RadpS M f32	28.5
PrevTbarAng_HwDeg_M_f32	-0.92
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(Sign	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrgDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	5.2
FbarVelFiltSv_M_str.K_Uls_f32	0.01258
CmnSysKinRatio MtrDegpHwDeg f32	44.51
C_CmnTbarStiff_NmpDeg_f32	4.5
C_DmpDecelGainFSlew_UlspS_f32	1100.02
C_DmpDecelGain   Siew_DispS_132	1.9
	4.2
<pre>(_DmpGainOffThresh_KphpS_f32</pre>	
C_DmpGainOnThresh_KphpS_f32	30.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00012
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	3409
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392
2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408
2_FDD_FreqTblYM_Hz_u12p4[0][2]	1424
2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1472
2_i_DD_i_req1bi1M_1i2_012p4[0][0] 2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488
z_FDD_FreqTbIYM_Hz_u12p4[0][0] 2_FDD_FreqTbIYM_Hz_u12p4[0][7]	1504
z_FDD_FreqTbIYM_Hz_u12p4[0][7] 2_FDD_FreqTbIYM_Hz_u12p4[0][8]	1520
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1552
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1568
2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
2_FDD_FreqTblYM_Hz_u12p4[1][1]	96

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Name	Input Value	
<b>Name</b>  2_FDD_FreqTb YM_Hz_u12p4[1][2]	112	
12_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2 FDD FreqTblYM Hz u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2 FDD FreqTblYM Hz u12p4[1][11]	256	
	6784	
CmnVehSpd Kph u9p7[1]	6912	
_CmnVehSpd_Kph_u9p7[2]	7040	
_CmnVehSpd_Kph_u9p7[3]	7168	
_CmnVehSpd_Kph_u9p7[4]	7296	
_CmnVehSpd_Kph_u9p7[5]	7424	
_CmnVehSpd_Kph_u9p7[6]	7552	
_CmnVehSpd_Kph_u9p7[7]	7680	
_CmnVehSpd_Kph_u9p7[8]	7808	
_CmnVehSpd_Kph_u9p7[9]	7936	
_CmnVehSpd_Kph_u9p7[10]	8064	
_CmnVehSpd_Kph_u9p7[11]	8192	
_DmpADDCoefX_MtrNm_u4p12[0]	8602	
_DmpADDCoefX_MtrNm_u4p12[1]	9011	
_DmpADDCoefX_MtrNm_u4p12[2]	9421	
DmpADDCoefX MtrNm u4p12[3]	9830	
_DmpADDCoefX_MtrNm_u4p12[4]	10240	
_DmpADDCoefX_MtrNm_u4p12[5]	10650	
DmpADDCoefX_MtrNm_u4p12[6]	11059	
	11469	
	11878	
:_DmpADDCoefX_MtrNm_u4p12[9]	12288	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3776	
:_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	
	1536	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
DmpDecelGainSlewY_UlspS_u13p3[4]	1568	
DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
DmpFiltKpWIRBIndY UIs u2p14[0]	4915	
DmpFiltKpWIRBIndY Uls u2p14[1]	6554	
	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
mpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
FDD_AttenTblY_Uls_u8p8[0]	183	
_FDD_AttenTblY_Uls_u8p8[1]	185	
FDD_BlendTblY_Uls_u8p8[0]	172	
_FDD_BlendTblY_Uls_u8p8[1]	174	
_FDD_BlendTblY_Uls_u8p8[2]	176	
_FDD_BlendTblY_Uls_u8p8[3]	178	
_FDD_BlendTblY_Uls_u8p8[4]	180	
_FDD_BlendTblY_Uls_u8p8[5]	183	
_FDD_BlendTbIY_Uis_u8p8[6]	185	
_FDD_BlendTbIY_Uls_u8p8[7]	187	
_FDD_BlendTblY_Uls_u8p8[8]	189	
	100	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	193	
t_FDD_BlendTblY_Uls_u8p8[11]	195	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90	
t InrtCmp ScaleFactorTblY Uls u9p7[6]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	154	
	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]		
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]	90	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91	
t_RiAstWIRBIndTbIY_Uis_u2p14[0]	4915	
t_RiAstWIRBIndTbIY_Uis_u2p14[1]	6554	
t_RiAstWIRBIndTbIY_Uls_u2p14[2]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715	
t_WIRBIndTblX_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	-300.1	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-4.2	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-22.01	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	180.05	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.6	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-7.2	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp\$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI		
Name	Actual Value Expected Value	Result

<u>v= = = := : : : : := = =               </u>	.   0 = 1		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126710.938	126710.935 ± 0.0625	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	26591.9277	26591.92825 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-177.270554	-177.2705444 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.69999981	7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	18.0300007	18.03 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.933333278	-0.933333333 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	5.05071735	5.050717333 ± 0.00390625	✓
tot FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	-7.19999981	-7.2 ± 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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	<b>~</b>
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	<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	<b>~</b>
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.16 (Repeat Count = 1)	
	Input Value
	126812.91
	-7.7
Prev1ScIDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp MtrNm M f32	-6.5
Prev2ScIDrvVel_RadpS_M_f32	-297.3
	1.145
	tgt Rte Inst Ap FrqDepDmpnInrtCmp
	-4.2
	0.03257
	55.12
	5.5
	1200.05
	2.5
- '	8.2
	o.z 35.2
_ , , ,	0.00013
	0.5
	342
	683
	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
	1705
	2046
	2387
	2728
	3068
	3409 161
	328
	494
	661
	827
	994
	1160
	1326
	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
	496
' ''	512
	528
' ''	544
	560
	576
	592
' ''	608
	624
	640
	656
	672
	96 112

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 128 144 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 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] 128 256 t\_CmnVehSpd\_Kph\_u9p7[1] t\_CmnVehSpd\_Kph\_u9p7[2] 384 512 t\_CmnVehSpd\_Kph\_u9p7[3] t\_CmnVehSpd\_Kph\_u9p7[4] 640 768 t\_CmnVehSpd\_Kph\_u9p7[5] 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] 12698 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 13107 t DmpADDCoefX\_MtrNm\_u4p12[2] 13517 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 t DmpADDCoefX MtrNm u4p12[6] 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t DmpADDCoefX MtrNm u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t DmpDecelGainSlewX MtrRadpS u11p5[0] 5280 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 5312 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 5344 5376 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] 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

6554

8192

9830

11469

13107

1066

1212

1359

1506

1653

1800

1946

2093

2240

2387

1296

1360 230

232 218

220 223

225

227

230

232

234

237

239

 $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0]

t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

 $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]$ 

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1]

t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[0] t\_FDD\_BlendTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[2] t\_FDD\_BlendTblY\_Uls\_u8p8[3]

t FDD BlendTblY Uls u8p8[4]

t\_FDD\_BlendTblY\_Uls\_u8p8[5]

t\_FDD\_BlendTblY\_Uls\_u8p8[6]

t\_FDD\_BlendTblY\_Uls\_u8p8[7]

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

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

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114B0pBmpmmtemp_1 011		
Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	241	
t_FDD_BlendTblY_Uls_u8p8[11]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	93	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	104	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	106	
t_RIAstWIRBIndTbIY_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]	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	-5.4	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	200.2	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.3	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.05	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	190.05	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.7	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	7.3	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCr	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel	_tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	Sr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	;
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpn	In tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H	wt tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAc	cc tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	l tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp	BI tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Result

<u> </u>	.   0 = 1 1 1 1 = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.3 ± 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	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.17 (Repeat Count = 1)	Innut Value
Name	Input Value
PreDecelGain_Uls_M_f32	126914.885
Prev1PreAttnComp_MtrNm_M_f32	1.5
Prev1SclDrvVel_RadpS_M_f32	24.6
Prev2PreAttnComp_MtrNm_M_f32	6.5
Prev2ScIDrvVel_RadpS_M_f32	382.2
PrevTbarAng_HwDeg_M_f32	-0.979
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	4.3
barVelFiltSv_M_str.K_Uls_f32	0.096321
CmnSysKinRatio_MtrDegpHwDeg_f32	66.13
C_CmnTbarStiff_NmpDeg_f32	6.5
_DmpDecelGainFSlew_UlspS_f32	1300.06
C_DmpDecelGain_Uls_f32	5.6
C_DmpGainOffThresh_KphpS_f32	12.2
C_DmpGainOnThresh_KphpS_f32	40.1
c_InrtCmp_MtrInertia_KgmSq_f32	0.00014
c_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1152
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	1168
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1184
2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280
2_FDD_FreqTbIYM_Hz_u12p4[0][10]	1296
2_FDD_FreqTbIYM_Hz_u12p4[0][11]	1312
2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

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Name 2_FDD_FreqTbIYM_Hz_u12p4[1][2] 2_FDD_FreqTbIYM_Hz_u12p4[1][3]	Input Value	
	000	
	688 704	
	720	
2_FDD_FreqTblYM_Hz_u12p4[1][4]		
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	
CmnVehSpd_Kph_u9p7[5]	8960	
_CmnVehSpd_Kph_u9p7[6]	10240	
_CmnVehSpd_Kph_u9p7[7]	11520	
_CmnVehSpd_Kph_u9p7[8]	12800	
CmnVehSpd_Kph_u9p7[9]	14080	
_CmnVehSpd_Kph_u9p7[10]	15360	
_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	16794	
_DmpADDCoefX_MtrNm_u4p12[1]	17203	
	17613	
_DmpADDCoefX_MtrNm_u4p12[3]	18022	
_DmpADDCoefX_MtrNm_u4p12[4]	18432	
u4p12[5]	18842	
	19251	
	19661	
mpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
	11680	
bmpbecelGainSlewX_MtrRadpS_u11p5[1]	11712	
bmpbecelGainGlewX_MtrRadpS_u11p5[1]	11744	
bmpbecelGainGlewX_MtrRadpS_u11p5[2]	11776	
bmpbecelGainGlewX_MtrRadpS_u11p5[4]	11808	
DmpDecelGainSlewX_MtrRadpS_u11p5[4]	11840	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1608	
	1616	
DmpDecelGainSlewY_UlspS_u13p3[1]	1624	
_DmpDecelGainSlewY_UlspS_u13p3[2]		
_DmpDecelGainSlewY_UlspS_u13p3[3]	1632	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1640	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1648	
DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4382	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344	
FDD_AttenTblX_MtrRadpS_u12p4[1]	1440	
_FDD_AttenTblY_Uls_u8p8[0]	71	
_FDD_AttenTblY_Uls_u8p8[1]	74	
_FDD_BlendTblY_Uls_u8p8[0]	3	
_FDD_BlendTblY_Uls_u8p8[1]	5	
FDD_BlendTblY_Uls_u8p8[2]	8	
_FDD_BlendTblY_Uls_u8p8[3]	10	
FDD_BlendTblY_Uls_u8p8[4]	13	
FDD_BlendTblY_Uls_u8p8[5]	15	
FDD_BlendTblY_Uls_u8p8[6]	18	
FDD_BlendTblY_Uls_u8p8[7]	20	
_FDD_BlendTbIY_Uls_u8p8[8]	23 26	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_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_WIRBIndTblX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTblX_MtrNm_u8p8[4]	1024		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-200.4		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.03		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCm	nd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	SrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI	nrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_Hv	vNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		_	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpI			
Name	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.2849 ± 0.0625	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.2 + 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	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.18 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	127016.86
Prev1PreAttnComp_MtrNm_M_f32	-1.5
Prev1ScIDrvVel_RadpS_M_f32	-16.2
Prev2PreAttnComp_MtrNm_M_f32	-4.5
Prev2ScIDrvVel_RadpS_M_f32	-25.6
PrevTbarAng_HwDeg_M_f32	0.989
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte Inst Ap FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.5
TbarVelFiltSv M str.K Uls f32	0.047852
	77.14
<_CmnSysKinRatio_MtrDegpHwDeg_f32 <_CmnTharStiff_NmpDeg_f32	7.5
C_CmnTbarStiff_NmpDeg_f32 C_DmpDess(CgipES)cyr_UlapS_f22	1400.05
C_DmpDecelGainFSlew_UlspS_f32	2.1
C_DmpDecelGain_Uls_f32	16.5
<pre>&lt;_DmpGainOffThresh_KphpS_f32</pre>	
C_DmpGainOnThresh_KphpS_f32 K_IntComp_MtxInottin_KamSq_f32	45.2
CInrtCmp_MtrInertia_KgmSq_f32 LatCons_MtrI(r) Contraction_Use_f32	0.00015
<pre>c_InrtCmp_MtrVel_ScaleFactor_UIs_f32</pre>	0.3
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	3614
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
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
	176
:2_FDD_FreqTblYM_Hz_u12p4[1][0] :2_FDD_FreqTblYM_Hz_u12p4[1][1]	192

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FrqDepDmpnInrtCmp_Per1		MACILAL
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	272	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	288	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	304	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	320	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	336	
2 FDD FregTblYM Hz u12p4[1][11]	352	
	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	
	13696	
_CmnVehSpd_Kph_u9p7[7]		
_CmnVehSpd_Kph_u9p7[8]	13824	
_CmnVehSpd_Kph_u9p7[9]	13952	
_CmnVehSpd_Kph_u9p7[10]	14080	
_CmnVehSpd_Kph_u9p7[11]	14208	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
_DmpADDCoefX_MtrNm_u4p12[1]	21299	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_DmpADDCoefX_MtrNm_u4p12[3]	22118	
_DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
_DmpADDCoefX_MtrNm_u4p12[8]	24166	
_DmpADDCoefX_MtrNm_u4p12[9]	24576	
DmpDecelGainSlewX_MtrRadpS_u11p5[0]	3872	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	3904	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	3936	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	3968	
mpDecelGainSlewX_MtrRadpS_u11p5[4]	4000	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4032	
_DmpDecelGainSlewY_UlspS_u13p3[0]	2408	
_DmpDecelGainGlewY_UlspS_u13p3[1]	2416	
_DmpDecelGainSlewY_UlspS_u13p3[1] _DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
	2432	
_DmpDecelGainSlewY_UlspS_u13p3[3]		
_DmpDecelGainSlewY_UlspS_u13p3[4]	2440	
_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
_FDD_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_u112p4[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_BlendTblY_Uls_u8p8[1]	8	
_FDD_BlendTblY_Uls_u8p8[2]	10	
FDD_BlendTblY_Uls_u8p8[3]	13	
FDD_BlendTblY_Uls_u8p8[4]	15	
FDD_BlendTblY_Uls_u8p8[5]	18	
	20	
FDD BlendTblY Uls u8p8[6]	20	
_FDD_BlendTbIY_Uls_u8p8[6] _FDD_BlendTbIY_Uls_u8p8[7] _FDD_BlendTbIY_Uls_u8p8[8]	23 26	

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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]	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		
	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[7]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_UIs_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]			
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTblX_MtrNm_u8p8[4]	1280		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	100.8		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	7.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	11.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	3.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	8.3		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCn			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnI		· · · ·	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_HvBepDmpnInrtCmp\_Per1\_HwTorque\_Hw$	vi tgt_FrqDepDmpnInrtCmp_Per1_Hw1	Forque_HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAction (Compared to the Compared to the C$		icleLonAccel_KphpS_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp. FrqDepDmpnInrtCmp \ \ Per1 \ \ VehicleSpeed$	0		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmparter (Compared to the Compared to the Com$	Bl tgt_FrqDepDmpnInrtCmp_Per1_WIF	CmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul
PreDecelGain Llls M f32	127014 063	127014 0599 + 0 0625	

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127014.063	127014.0599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-12284.4609	-12284.45952 ± 0.09	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	30.5068626	30.50686197 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-16.2000008	-16.2 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.69140744	1.691408 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.30000019	8.3 ± 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	<b>✓</b>
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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.19 (Repeat Count = 1)	
	Input Value
	•
	127118.835
1= ==	2.5 100.8
_ ,	4.5
1	987.5
_ ,	
0_ 0	-0.894
	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	-1.6
	0.2356
_ , 61	88.15
	8.5
	1500.02
	2.2
	20.6
	22.2
	0.00016
	0.2
	704
	814
	924
, , _ ,,	1034
	1144
, , _ ,,	1254
	1364
, _ , _ , _ , _ , _ , _ ,	1475
	1585
, _ , _ , _ , _ , _ , _ ,	1695
	523
	1038
	1553
	2068
	2583
	3099
	3614
	4129
	4644
	5159
	32
	48
	64
' ' '	80
	96
, ,,	112
	128
	144
	160
	176
	192
	208
	496
t2 FDD FreqTblYM Hz u12p4[1][1]	512

FrqDepDmpnInrtCmp\_Per1

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Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 528 544 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] 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 15744 t\_CmnVehSpd\_Kph\_u9p7[2]  $t\_CmnVehSpd\_Kph\_u9p7[3]$ 15872 16000 t\_CmnVehSpd\_Kph\_u9p7[4] 16128 t\_CmnVehSpd\_Kph\_u9p7[5] t\_CmnVehSpd\_Kph\_u9p7[6] 16256 16384 t\_CmnVehSpd\_Kph\_u9p7[7] 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 4288 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 4320  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5]$ 4352 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 384 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] 392 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 400 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 408 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 416 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 424  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4] 9830 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 523 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 1038 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 1553 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 2068 t\_FDD\_ADDStaticTbIY\_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 114 t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1] 116 10 t\_FDD\_BlendTblY\_Uls\_u8p8[0] t\_FDD\_BlendTblY\_Uls\_u8p8[1] 13 15 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 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

33

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

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		( 12 12 16 16
Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	36	
t_FDD_BlendTblY_Uls_u8p8[11]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	154	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	179	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	192	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	205	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	218	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	230	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	269	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	282	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	294	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	31	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	32	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	33	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	35	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	36	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	37	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	38	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	40	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	41	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	42	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	44	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	45	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830	
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	-2.1	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-100.4	
$tgt\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrlComSvcDft\_Cnt\_lgc.value$	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-7.6	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	12.03	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	511.9921875	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.2	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCollege (Application of the College (Applicat$		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVersity and the property of the property of$		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpnInrtCmp\_$		дс
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hurberspace = 0.0000000000000000000000000000000000$		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonArger(App_Per1\_VehicleLonAr$		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		
Name	Actual Value Expected Value	Resul

<u> </u>	.   0 = = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127115.836	127115.835 ± 0.0625	✓
Prev1PreAttnComp_MtrNm_M_f32	-388429.438	-388429.5001 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-20.7490158	-20.74901587 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	100.800003	100.8 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.894117653	-0.894117647 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	-1.23690033	-1.236898824 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	3.20000005	3.2 ± 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.20 (Repeat Count = 1)	<u> </u>
Name	Input Value
PreDecelGain_Uls_M_f32	127220.81
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-69.6
Prev2PreAttnComp_MtrNm_M_f32	-3.5
Prev2ScIDrvVel_RadpS_M_f32	-59.2
PrevTbarAng_HwDeg_M_f32	0.909
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPa	ath_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	1.2
TbarVelFiltSv M str.K Uls f32	0.3479
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.12
k_CmnTbarStiff_NmpDeg_f32	9.5
k_DmpDecelGainFSlew_UlspS_f32	1600.03
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.3
k_DmpGainOnThresh_KphpS_f32	33.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0003
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2 FDD ADDRollingTblYM MtrNmpRadpS_um1p17[0][4]	827
	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	144
t2_FDD_FreqTbIYM_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

FrqDepDmpnInrtCmp\_Per1

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		(10.00
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	752	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	784	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	800	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	
t_CmnVehSpd_Kph_u9p7[4]	10880	
t_CmnVehSpd_Kph_u9p7[5]	11008	
t_CmnVehSpd_Kph_u9p7[6]	11136	
t_CmnVehSpd_Kph_u9p7[7]	11264	
t_CmnVehSpd_Kph_u9p7[8]	11392 11520	
t_CmnVehSpd_Kph_u9p7[9]		
t_CmnVehSpd_Kph_u9p7[10]	11648	
t_CmnVehSpd_Kph_u9p7[11]	11776	
t_DmpADDCoefX_MtrNm_u4p12[0]	28262 28672	
t_DmpADDCoefX_MtrNm_u4p12[1] t DmpADDCoefX MtrNm u4p12[2]	29082	
t_DmpADDCoetX_MtrNm_u4p12[3]	29491	
t_DmpADDCoefX_MtrNm_u4p12[4]	29901	
t_DmpADDCoefX_MtrNm_u4p12[5]	30310	
t_DmpADDCoefX_MtrNm_u4p12[6]	30720	
t_DmpADDCoefX_MtrNm_u4p12[7]	31130	
t_DmpADDCoefX_MtrNm_u4p12[8]	31539	
t_DmpADDCoefX_MtrNm_u4p12[9]	31949	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5792	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5824	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5856	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	5888	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	5920	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	5952	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	3608	
t DmpDecelGainSlewY UlspS u13p3[1]	3616	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	3624	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	3632	
t DmpDecelGainSlewY UlspS u13p3[4]	3640	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	3648	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	924	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1034	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1254	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6]	1364	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1475	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1585	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1695	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1680	
t_FDD_AttenTblY_Uls_u8p8[0]	136	
t_FDD_AttenTblY_Uls_u8p8[1]	139	
t_FDD_BlendTblY_Uls_u8p8[0]	13	
t_FDD_BlendTblY_Uls_u8p8[1]	15	
t_FDD_BlendTblY_Uls_u8p8[2]	18	
t_FDD_BlendTblY_Uls_u8p8[3]	20	
t_FDD_BlendTblY_Uls_u8p8[4]	23	
t_FDD_BlendTblY_Uls_u8p8[5]	26	
t_FDD_BlendTblY_Uls_u8p8[6]	28	
t_FDD_BlendTblY_Uls_u8p8[7]	31	
t_FDD_BlendTbIY_Uls_u8p8[8]	33	
t_FDD_BlendTbIY_Uls_u8p8[9]	36	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	38		
t_FDD_BlendTblY_Uls_u8p8[11]	41		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192	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		
	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	60		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_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_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	150.5		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	8.7		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	13.05		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	250.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-1.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC	mc tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe	el_I tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDm	pSr tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmp	nIn tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_F	hwi tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonA	cce tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpee	d I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAm	pBl tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
DroDood Coin I llo M 600	107017 600	127217 6000 + 0.0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127217.609	127217.6099 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-34957.4961	-34957.49739 ± 0.09	•
Prev1SclDrvVel_RadpS_M_f32	16.6422844	16.64228823 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	-69.5999985	-69.6 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	0.915789425	0.915789474 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.96354413	1.963548947 ± 0.00390625	<b>✓</b>
tot FraDenDmonlortCmp Per1 FraDenDmonlortCmp MtrNm f32 value	-1 20000005	-1.2 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	<b>✓</b>
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.21 (Repeat Count = 1)	
Name	Input Value
PreDecelGain Uls M f32	127322.785
	-3.5
Prev1PreAttnComp_MtrNm_M_f32 Prev1SclDrvVel_RadpS_M_f32	-3.5 -49.2
	-49.2 -2.4
Prev2PreAttnComp_MtrNm_M_f32	-366.2
Prev2ScIDrvVel_RadpS_M_f32	-500.2 -6.771
PrevTbarAng_HwDeg_M_f32	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_ Rte_Inst_Ap_FrqDepDmpnInrtCmp	
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp -1.5
TbarVelFiltSv_M_str.SV_UIs_f32	0.2244
TbarVelFiltSv_M_str.K_UIs_f32	27.02
<_CmnSysKinRatio_MtrDegpHwDeg_f32	1.3
C_CmnTbarStiff_NmpDeg_f32 C_PmpDeas(CainFS)(a), Llland, f32	1700.05
C_DmpDecelGainFSlew_UlspS_f32	
<pre>C_DmpDecelGain_Uls_f32</pre>	2.1 16.2
C_DmpGainOffThresh_KphpS_f32 C_DmpGainOnThresh_KphpS_f33	
C_DmpGainOnThresh_KphpS_f32 K_IntComp_MtxInortio_KgmSq_f23	44.2 0.00031
<_InrtCmp_MtrInertia_KgmSq_f32	
CInrtCmp_MtrVel_ScaleFactor_Uls_f32 Control of the contr	0.9
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683 1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	
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]	342
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409
2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
2_FDD_FreqTblYM_Hz_u12p4[0][5]	144
2_FDD_FreqTblYM_Hz_u12p4[0][6]	160
2_FDD_FreqTblYM_Hz_u12p4[0][7]	176
2_FDD_FreqTblYM_Hz_u12p4[0][8]	192
2_FDD_FreqTblYM_Hz_u12p4[0][9]	208
2_FDD_FreqTblYM_Hz_u12p4[0][10]	224
2_FDD_FreqTbIYM_Hz_u12p4[0][11]	240
	16
:2_FDD_FreqTbIYM_Hz_u12p4[1][0] :2_FDD_FreqTbIYM_Hz_u12p4[1][1]	32

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Name	Input Value	
I2_FDD_FreqTblYM_Hz_u12p4[1][2]	48	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	64	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	80	
2_FDD_FreqTbIYM_Hz_u12p4[1][5] 2_FDD_FreqTbIYM_Hz_u12p4[1][6]	96	
: ::	112 128	
2_FDD_FreqTbIYM_Hz_u12p4[1][7] 2_FDD_FreqTbIYM_Hz_u12p4[1][8]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	176	
2 FDD FreqTbIYM Hz u12p4[1][11]	192	
CmnVehSpd_Kph_u9p7[0]	5248	
CmnVehSpd Kph u9p7[1]	5376	
_CmnVehSpd_Kph_u9p7[2]	5504	
_CmnVehSpd_Kph_u9p7[3]	5632	
CmnVehSpd_Kph_u9p7[4]	5760	
_CmnVehSpd_Kph_u9p7[5]	5888	
_CmnVehSpd_Kph_u9p7[6]	6016	
_CmnVehSpd_Kph_u9p7[7]	6144	
_CmnVehSpd_Kph_u9p7[8]	6272	
_CmnVehSpd_Kph_u9p7[9]	6400	
_CmnVehSpd_Kph_u9p7[10]	6528	
_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	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
_DmpDecelGainSlewY_UlspS_u13p3[0]	288	
_DmpDecelGainSlewY_UlspS_u13p3[1]	296	
_DmpDecelGainSlewY_UlspS_u13p3[2]	304	
_DmpDecelGainSlewY_UlspS_u13p3[3]	312	
_DmpDecelGainSlewY_UlspS_u13p3[4]	320	
_DmpDecelGainSlewY_UlspS_u13p3[5]	328	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
_FDD_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[1]	1760	
_FDD_AttenTblY_Uls_u8p8[0]	166	
_FDD_AttenTblY_Uls_u8p8[1]	166	
_FDD_BlendTbIY_Uls_u8p8[0]	15	
_FDD_BlendTblY_Uls_u8p8[1]	18	
_FDD_BlendTblY_Uls_u8p8[2]	20	
_FDD_BlendTblY_Uls_u8p8[3]	23	
_FDD_BlendTblY_Uls_u8p8[4]	26	
_FDD_BlendTblY_Uls_u8p8[5]	28	
_FDD_BlendTblY_Uls_u8p8[6]	31	
_FDD_BlendTblY_Uls_u8p8[7]	33	
:_FDD_BlendTblY_Uls_u8p8[8]	36	
t_FDD_BlendTblY_Uls_u8p8[9]	38	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	41		
t_FDD_BlendTblY_Uls_u8p8[11]	44		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	61		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	65		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	68		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	69		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	70		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	72		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	74		
t_InrtCmp_TBatVel_ScaleFactorTblY_Uls_u9p7[11]	76		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	6554		
t RIAstWIRBIndTbIY Uls 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		
	1920		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
	1997		
t_WIRBIndTblX_MtrNm_u8p8[4]	-1.6		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-150.6		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-8.8		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	14.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	220.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	0		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	1.3	Orand Matablan 500	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistC			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe		<u> </u>	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	0_ 1 1 1 1 _ 1 _ 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpr		·	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_H	· · · · · · · · · · · · · · · · ·	_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAr			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		- · -	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmp		npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Result

<u>v= = = := : : : : : : : = = =          </u>	.   0 = = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127319.383	127319.3849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	527959.5	527959.4157 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-135.810211	-135.810175 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-49.2000008	-49.2 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-6.76923132	-6.769230769 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.96496433	-0.964892308 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	1.29999995	1.3 ± 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	<b>~</b>
FilterCoefCalc	1	FilterCoefCalc	1	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	<b>~</b>
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.22 (Repeat Count = 1)	<u> </u>
Name	Input Value
PreDecelGain Uls M f32	8787
Prev1PreAttnComp MtrNm M f32	4.5
Prev1ScIDrvVel_RadpS_M_f32	22.3
Prev2PreAttnComp_MtrNm_M_f32	2.4
Prev2ScIDrvVel_RadpS_M_f32	115.2
PrevTbarAng_HwDeg_M_f32	3.403
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte Inst Ap FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	2.6
TbarVelFiltSv_M_str.K_Uls_f32	0.3366
	26.03
k_CmnSysKinRatio_MtrDegpHwDeg_f32	2.7
k_CmnTbarStiff_NmpDeg_f32	1800.06
k_DmpDecelGainFSlew_UlspS_f32	2.2
k_DmpDecelGain_Uls_f32	
k_DmpGainOnThresh_KphpS_f32	20.3
k_DmpGainOnThresh_KphpS_f32	8.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.00032
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	208
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	224
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	32
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	48

FrqDepDmpnInrtCmp\_Per1

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Name	Input Value
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736 4864
t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t CmnVehSpd Kph u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t DmpADDCoefX MtrNm u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t DmpADDCoefX MtrNm u4p12[2]	9421
t_DmpADDCoefX_MtrNm_u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t_DmpADDCoefX_MtrNm_u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	32320
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	32352
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	32384
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	32448
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480
t_DmpDecelGainSlewY_UlspS_u13p3[0]	384
t_DmpDecelGainSlewY_UlspS_u13p3[1]	392
t_DmpDecelGainSlewY_UlspS_u13p3[2]	400
t_DmpDecelGainSlewY_UlspS_u13p3[3]	408
t_DmpDecelGainSlewY_UlspS_u13p3[4]	416
t_DmpDecelGainSlewY_UlspS_u13p3[5]	424
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160 1326
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	1659
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1776
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840
t_FDD_AttenTblY_Uls_u8p8[0]	189
t_FDD_AttenTblY_Uls_u8p8[1]	191
t_FDD_BlendTblY_Uls_u8p8[0]	18
t_FDD_BlendTblY_Uls_u8p8[1]	20
t_FDD_BlendTblY_Uls_u8p8[2]	23
t_FDD_BlendTblY_Uls_u8p8[3]	26
· · · · · · · - · · · _ · · · ·	
t FDD BlendTblY Uls u8p8[4]	28
t_FDD_BlendTbIY_Uls_u8p8[4] t FDD_BlendTbIY_Uls_u8p8[5]	28 31
t_FDD_BlendTblY_Uls_u8p8[5]	
t_FDD_BlendTblY_Uls_u8p8[5] t_FDD_BlendTblY_Uls_u8p8[6]	31
t_FDD_BlendTblY_Uls_u8p8[5]	31 33

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	44	
t_FDD_BlendTblY_Uls_u8p8[11]	46	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	269	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	78	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	79	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	81	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	82	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	83	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	84	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	86	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	87	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	88	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	90	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	91	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192	
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	14746	
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	1.1	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	250.02	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	9.2	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	15.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	230.03	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	8.8	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	2.2	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	;
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwl	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB		
Name	Actual Value Expected Value	Resul

<u> </u>	.   0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	8783.39941	8783.39988 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-3935.75269	-3935.753195 ± 0.009	✓
Prev1SclDrvVel_RadpS_M_f32	250.816666	250.8166781 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	22.2999992	22.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	3.40740728	3.407407407 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	2.46656632	2.466606667 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	2.20000005	2.2 ± 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	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Fest Step 3.23 (Repeat Count = 1)	Immust Malica
lame	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp_MtrNm_M_f32	-4.5
Prev1ScIDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2ScIDrvVel_RadpS_M_f32	-380.2
PrevTbarAng_HwDeg_M_f32	-3.06
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Ul	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
barVelFiltSv_M_str.SV_Uls_f32	-2.5
barVelFiltSv_M_str.K_Uls_f32	0.4488
_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
_CmnTbarStiff_NmpDeg_f32	3.1
_DmpDecelGainFSlew_UlspS_f32	1900.08
_DmpDecelGain_Uls_f32	2.6
_DmpGainOffThresh_KphpS_f32	22.5
_DmpGainOnThresh_KphpS_f32	16.2
_InrtCmp_MtrInertia_KgmSq_f32	0.00033
_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	924
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	1034
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4]	1144
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][5]	1254
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1364
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	1475
2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	1585
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
2_FDD_ADDRollingTbIYM_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 ADDRollingTbIYM MtrNmpRadpS um1p17[1][9]	5159
	96
2 FDD FreqTblYM Hz u12p4[0][1]	112
	128
	144
2 FDD FregTblYM Hz u12p4[0][4]	160
2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
2_FDD_FreqTbIYM_Hz_u12p4[0][7]	208
2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
	256
2_FDD_FreqTbIYM_Hz_u12p4[0][10] 2_FDD_FreqTbIYM_Hz_u12p4[0][11]	272
2_FDD_F1eq1017M_Hz_u12p4[0][11] 2_FDD_F1eqTbIYM_Hz_u12p4[1][0]	
_   DD_   TeQ   DIT M	48

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Name	Input Value	
<b>Name</b> t2_FDD_FreqTblYM_Hz_u12p4[1][2]	Input Value 80	
t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
_DmpADDCoefX_MtrNm_u4p12[1]	13107	
_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
_DmpADDCoefX_MtrNm_u4p12[4]	14336	
_DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
_DmpDecelGainSlewY_UlspS_u13p3[2]	464	
_DmpDecelGainSlewY_UlspS_u13p3[3]	472	
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
:_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920	
_FDD_AttenTblY_Uls_u8p8[0]	237	
_FDD_AttenTblY_Uls_u8p8[1]	239	
_FDD_BlendTbIY_Uls_u8p8[0]	20	
_FDD_BlendTblY_Uls_u8p8[1]	23	
_FDD_BlendTblY_Uls_u8p8[2]	26	
_FDD_BlendTblY_Uls_u8p8[3]	28	
_FDD_BlendTblY_Uls_u8p8[4]	31	
:_FDD_BlendTblY_Uls_u8p8[5]	33	
t_FDD_BlendTblY_Uls_u8p8[6]	36	
t_FDD_BlendTblY_Uls_u8p8[7]	38	
:_FDD_BlendTblY_Uls_u8p8[8]	41	
t_FDD_BlendTblY_Uls_u8p8[9]	44	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	218		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	243		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	269		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	294		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	307		
InrtCmp ScaleFactorTblY Uls u9p7[9]	320		
InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	333		
	346		
	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	93		
:_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95		
InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96		
InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	97		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	99		
_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	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		
RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
RIAstWIRBIndTbIY_Uls_u2p14[2]	4915		
_RIAstWIRBIndTbIY_Uls_u2p14[3]	6554		
	8192		
_RIAstWIRBIndTblY_Uls_u2p14[4]	1434		
_WIRBINdTbIX_MtrNm_u8p8[0]	1459		
WIRBIndTblX_MtrNm_u8p8[1]			
WIRBIndTblX_MtrNm_u8p8[2]	1485		
_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
_WIRBIndTblX_MtrNm_u8p8[4]	1536		
gt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.1		
gt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.03		
gt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
gt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5		
gt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.01		
gt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.05		
gt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.5		
gt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-2.5		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssis			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotor			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepD			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDm	. 0		
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLor			
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSp	0_ 1 1 1 1		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdA	mpBl tgt_FrqDepDmpnInrtCmp_Pe	r1_WIRCmdAmpBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resu
PreDecelGain Ills M f32	45674 1992	45674 19984 + 0 0625	

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.19984 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 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	~
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	<b>✓</b>
tot FraDenDmonInrtCmn Per1 FraDenDmonInrtCmn MtrNm f32 value	-2.5	-2.5 + 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.24 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
PreDecelGain_Uls_M_f32	127628.71
Prev1PreAttnComp MtrNm M f32	6.5
Prev1ScIDrvVel_RadpS_M_f32	163.6
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2ScIDrvVel_RadpS_M_f32	175.3
PrevTbarAng_HwDeg_M_f32	1.154
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv M str.SV Uls f32	3.2
TbarVelFiltSv_M_str.K_Uls_f32	0.5599
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.06
k CmnTbarStiff NmpDeg f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	200.09
k_DmpDecelGain_Uls_f32	2.8
k_DmpGainOffThresh_KphpS_f32	22.2
k_DmpGainOnThresh_KphpS_f32	24.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_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
	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	
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

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]		
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	
_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	
	18432	
	18842	
mpADDCoefX_MtrNm_u4p12[6]	19251	
mpADDCoefX_MtrNm_u4p12[7]	19661	
DmpADDCoefX_MtrNm_u4p12[8]	20070	
_DmpADDCoefX_MtrNm_u4p12[9]	20480	
	27264	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	27296	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
t_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	
_DmpDecelGainSlewY_UlspS_u13p3[4]	712	
_DmpDecelGainSlewY_UlspS_u13p3[5]	720	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
FDD_ADDStaticTbIY_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	
_r bb_AbbStaticToff_MitrNinpradps_ufffpf7[9] _FDD_AttenTblX_MtrRadps_u12p4[0]	1760	
	2000	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	49	
_FDD_AttenTblY_Uls_u8p8[0]		
_FDD_AttenTblY_Uls_u8p8[1]	51	
_FDD_BlendTblY_Uls_u8p8[0]	49	
_FDD_BlendTblY_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	
	71	
	74	

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Name	Input Value		
t_FDD_BlendTbiY_Uls_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	80		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
	230		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
	256		
scaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
scaleFactorTblY_Uls_u9p7[6]	294		
i_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t InrtCmp ScaleFactorTblY Uls u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	10		
	12		
t_InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_u9p7[8] t InrtCmp_TBarVeI_ScaleFactorTbIY_UIs_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	3277		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[1]			
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTblX_MtrNm_u8p8[0]	1690		
t_WIRBIndTblX_MtrNm_u8p8[1]	1715		
t_WIRBIndTblX_MtrNm_u8p8[2]	1741		
t_WIRBIndTblX_MtrNm_u8p8[3]	1766		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	450.25		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-35.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	3.6		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmd			
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_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
gt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
	Actual Value	Expected Value	Resul

Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.3098 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.2916 ± 0.09	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	~
tot FraDenDmnnInrtCmn Per1 FraDenDmnnInrtCmn MtrNm f32 value	3 5999999	3 6 + 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.25 (Repeat Count = 1)	<b>→</b>
Name	Input Value
PreDecelGain Uls M f32	127730.685
Prev1PreAttnComp MtrNm M f32	-6.5
Prev1ScIDrvVel_RadpS_M_f32	-90.23
Prev2PreAttnComp_MtrNm_M_f32	-8.1
Prev2ScIDrvVel_RadpS_M_f32	-120.1
PrevTbarAng_HwDeg_M_f32	-0.554
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls_	
Rte Inst Ap FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	4.5
	0.1258
TbarVelFiltSv_M_str.K_Uls_f32	26.02
k_CmnSysKinRatio_MtrDegpHwDeg_f32	2.7
k_CmnTbarStiff_NmpDeg_f32	300.06
k_DmpDecelGainFSlew_UlspS_f32	
k_DmpDecelGain_Uls_f32	3.5 33.2
k_DmpGainOffThresh_KphpS_f32	
k_DmpGainOnThresh_KphpS_f32	32.2 0.00035
k_InrtCmp_MtrInertia_KgmSq_f32	
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	800
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	816
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	832
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80
t2 FDD FreqTblYM Hz u12p4[1][1]	96

FrqDepDmpnInrtCmp\_Per1

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	240	
2 FDD FreqTblYM Hz u12p4[1][11]	256	
CmnVehSpd_Kph_u9p7[0]	6784	
CmnVehSpd_Kph_u9p7[1]	6912	
CmnVehSpd_Kph_u9p7[2]	7040	
CmnVehSpd_Kph_u9p7[3]	7168	
CmnVehSpd_Kph_u9p7[4]	7296	
CmnVehSpd_Kph_u9p7[5]	7424	
CmnVehSpd_Kph_u9p7[6]	7552	
CmnVehSpd_Kph_u9p7[7]	7680	
	7808	
CmnVehSpd_Kph_u9p7[8]		
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	
_DmpADDCoefX_MtrNm_u4p12[2]	21709	
DmpADDCoefX_MtrNm_u4p12[3]	22118	
DmpADDCoefX_MtrNm_u4p12[4]	22528	
_DmpADDCoefX_MtrNm_u4p12[5]	22938	
_DmpADDCoefX_MtrNm_u4p12[6]	23347	
_DmpADDCoefX_MtrNm_u4p12[7]	23757	
DmpADDCoefX_MtrNm_u4p12[8]	24166	
_DmpADDCoefX_MtrNm_u4p12[9]	24576	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
DmpDecelGainSlewY UlspS u13p3[3]	1560	
DmpDecelGainSlewY UlspS u13p3[4]	1568	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
DmpFiltKpWIRBIndY Uls u2p14[0]	3277	
	4915	
DmpFiltKpWIRBIndY_Uls_u2p14[1]		
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
_FDD_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	
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	
_FDD_BlendTblY_Uls_u8p8[9]	88	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	90		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	102		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	24		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	28		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	29		
t_RIAstWIRBIndTblY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTblX_MtrNm_u8p8[2]	1946		
t_WIRBIndTblX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.14		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.06		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-3.2		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		tCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnI			
tgt_Rte_inst_Ap_riqDepDinpinintCinp.FrqDepDinpinintCinp_Fer1_FrqDepDinpin tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hv			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fe11_RW10ique_RV			
.gr_Rte_inst_Ap_FrqDepDmpnintCmp.FrqDepDmpnintCmp_Per1_VehicleSpeed tat_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleSpeed	, , , , , , , , , , , , , , , , , , ,		
tgt Rte Inst Ap FrqDepDmpninrtCmp.FrqDepDmpninrtCmp Peri VenicieSpeed tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 WIRCmdAmp	0		
	<u> </u>		
Name	Actual Value	Expected Value	Result

<u> </u>	.   0 = 1 1 1 1 = =		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.0849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.78752 ± 0.09	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.6753087 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.23 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.836055556 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-3.20000005	-3.2 ± 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	<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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

ulamo.	Input Value
Name	Input Value
PreDecelGain_Uls_M_f32	127832.66
Prev1PreAttnComp_MtrNm_M_f32	7.5
Prev1ScIDrvVel_RadpS_M_f32	-1100.2
Prev2PreAttnComp_MtrNm_M_f32	8.1
Prev2ScIDrvVel_RadpS_M_f32	-36.2
PrevTbarAng_HwDeg_M_f32	0.8
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
FbarVelFiltSv_M_str.SV_Uls_f32	-4.5
FbarVelFiltSv_M_str.K_Uls_f32	0.2365
C_CmnSysKinRatio_MtrDegpHwDeg_f32	53.12
c_CmnTbarStiff_NmpDeg_f32	3.1
C_DmpDecelGainFSlew_UlspS_f32	200.02
C_DmpDecelGain_Uls_f32	3.9
C_DmpGainOffThresh_KphpS_f32	15.2
C_DmpGainOnThresh_KphpS_f32	40.2
c_InrtCmp_MtrInertia_KgmSq_f32	0.00036
CInrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387
2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1312
2_FDD_FreqTbIYM_Hz_u12p4[0][2]	1328
2_FDD_FreqTbIYM_Hz_u12p4[0][3]	1344
2_FDD_FreqTbIYM_Hz_u12p4[0][4]	1360
2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
2_FDD_FreqTblYM_Hz_u12p4[1][0]	96
2_FDD_FreqTblYM_Hz_u12p4[1][1]	112

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	128	
12_FDD_FreqTblYM_Hz_u12p4[1][3]	144	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
12_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
2_FDD_FreqTbIYM_Hz_u12p4[1][10]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	272	
_CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
CmnVehSpd_Kph_u9p7[1]	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]	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]	32320	
DmpDecelGainSlewX MtrRadpS u11p5[1]	32352	
bmpbecelGainSlewX_MtrRadpS_u11p5[1]	32384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	32416	
DmpDecelGainGlewX_MtrRadpS_u11p5[4]	32448	
_DmpDecelGainSiewX_MtrRadpS_u11p5[4]  _DmpDecelGainSlewX_MtrRadpS_u11p5[5]	32480	
	1480	
_DmpDecelGainSlewY_UlspS_u13p3[0]		
_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]	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]	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]	2080	
	2160	
_FDD_AttenTblX_MtrRadpS_u12p4[1]		
_FDD_AttenTblY_Uls_u8p8[0]	93	
_FDD_AttenTblY_Uls_u8p8[1]	96	
_FDD_BlendTblY_Uls_u8p8[0]	93	
_FDD_BlendTblY_Uls_u8p8[1]	96	
_FDD_BlendTblY_Uls_u8p8[2]	99	
_FDD_BlendTblY_Uls_u8p8[3]	101	
_FDD_BlendTblY_Uls_u8p8[4]	104	
_FDD_BlendTblY_Uls_u8p8[5]	106	
_FDD_BlendTblY_Uls_u8p8[6]	109	
	111	
_i DD_blend ibi i _Ols_dopo[/]		
t_FDD_BlendTblY_Uls_u8p8[7] t_FDD_BlendTblY_Uls_u8p8[8]	114	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_ScaleFactorTblY_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_ScaleFactorTbIY_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]	6554		
t RIAstWIRBIndTbIY Uls 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		
	819		
t_WIRBIndTbIX_MtrNm_u8p8[1]	845		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
	896		
t_WIRBIndTblX_MtrNm_u8p8[4]	3.3		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	550.2		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value			
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	280.02		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	4.4	Overal Milablas 500	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCi			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVe			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp	0_ 1 1 1 1 _ 1 _ 1 . 1		
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		mpBind_MtrNm_f32	
Name	Actual Value	Expected Value	Result

<u> </u>	.   0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127832.258	127832.26 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-2236951.25	-2236951.286 ± 9.9	✓
Prev1SclDrvVel_RadpS_M_f32	488.806824	488.8068117 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	7.5	7.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-1100.19995	-1100.2 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-2.67284751	-2.672846774 ± 0.00390625	✓
tot FrgDepDmpnInrtCmp Per1 FrgDepDmpnInrtCmp MtrNm f32.value	4.4000001	4.4 ± 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	<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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.27 (Repeat Count = 1) Name	Input Value
PreDecelGain_Uls_M_f32	127934.635
Prev1PreAttnComp_MtrNm_M_f32	-7.5
Prev1ScIDrvVel_RadpS_M_f32	250.05
Prev2PreAttnComp_MtrNm_M_f32	-7.7
Prev2ScIDrvVel_RadpS_M_f32	11.5
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Ul	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_UIs_f32	5.5
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.12
k_CmnTbarStiff_NmpDeg_f32	4.8
k_DmpDecelGainFSlew_UlspS_f32	300.03
k_DmpDecelGain_Uls_f32	3.7
k_DmpGainOffThresh_KphpS_f32	20.2
k_DmpGainOnThresh_KphpS_f32	48.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00037
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
2_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTbIYM_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]	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
12_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
12_FDD_FreqTblYM_Hz_u12p4[1][0]	336

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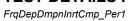
FrqDepDmpnInrtCmp_Per1		MACILAL
Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	368	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	384	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	400	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	416	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	432	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	448	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	464	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	480	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	496	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	512	
_CmnVehSpd_Kph_u9p7[0]	2560	
_CmnVehSpd_Kph_u9p7[1]	3840	
_CmnVehSpd_Kph_u9p7[2]	5120	
_CmnVehSpd_Kph_u9p7[3]	6400	
CmnVehSpd_Kph_u9p7[4]	7680	
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	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	1208	
_DmpDecelGainSlewY_UlspS_u13p3[1]	1216	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1224	
_DmpDecelGainSlewY_UlspS_u13p3[3]	1232	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1240	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1248	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	6554	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	8192	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4856	
FDD_AttenTblX_MtrRadpS_u12p4[0]	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_BlendTbIY_Uls_u8p8[1]	118	
FDD_BlendTblY_Uls_u8p8[2]	121	
FDD_BlendTblY_Uls_u8p8[3]	123	
FDD_BlendTblY_Uls_u8p8[4]	126	
FDD_BlendTblY_Uls_u8p8[5]	129	
_FDD_BlendTbIY_Uls_u8p8[5] _FDD_BlendTbIY_Uls_u8p8[6]	131	
	131	
_FDD_BlendTbIY_Uls_u8p8[7] _FDD_BlendTbIY_Uls_u8p8[8]	136	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	115		
t InrtCmp ScaleFactorTblY Uls u9p7[6]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	141		
t InrtCmp ScaleFactorTblY Uls u9p7[8]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
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_RIAstWIRBIndTblY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTblY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTblX_MtrNm_u8p8[1]	1075		
t_WIRBIndTblX_MtrNm_u8p8[2]	1101		
t_WIRBIndTblX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-3.3		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-550.3		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_Igc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-2.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	50		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	290.01		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	-4.6		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 BaseAssistCm		tCmd MtrNm f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmp			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnI			
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hv		· · ·	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAc		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Fer1_VehicleSpeed	1		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VenicleSpeed			
	1		P
Name	Actual Value	Expected Value	Result

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127934.031	127934.0349 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	415103.719	415103.7843 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-164.116653	-164.1166652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	250.050003	250.05 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.58375692	1.583755 ± 0.00390625	~
tot FroDepDmpnInrtCmp Per1 FroDepDmpnInrtCmp MtrNm f32.value	-4.5999999	-4.6 ± 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	<b>✓</b>
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	<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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	<b>✓</b>
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.28 (Repeat Count = 1)	✓
	Input Value
	128036.61
	8.5
12 22	5000.03
1 11 12 11 12 21	7.7
Prev2ScIDrvVel_RadpS_M_f32	-38.3
	0.66
	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-5.5
	0.47856
	46.32
	5.2
k_DmpDecelGainFSlew_UlspS_f32	100.05
	4.8
	25.3
	4.2
	0.00038
	0.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
	2032
	2455
	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
	3725
	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1427
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1884
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	3252
t2_FDD_ADDRollingTbIYM_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
	272
	288
	304
	320
	336
	352
	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

FrqDepDmpnInrtCmp\_Per1

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Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 688 704 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] t2 FDD FreqTblYM Hz\_u12p4[1][4] 720 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 736 t2 FDD\_FreqTblYM\_Hz\_u12p4[1][6] 752 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 768 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 784 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 800 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 816 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 832 t\_CmnVehSpd\_Kph\_u9p7[0] 12800 12928 t\_CmnVehSpd\_Kph\_u9p7[1] 13056 t\_CmnVehSpd\_Kph\_u9p7[2]  $t\_CmnVehSpd\_Kph\_u9p7[3]$ 13184 13312 t\_CmnVehSpd\_Kph\_u9p7[4] 13440 t\_CmnVehSpd\_Kph\_u9p7[5] t\_CmnVehSpd\_Kph\_u9p7[6] 13568 13696 t\_CmnVehSpd\_Kph\_u9p7[7] t\_CmnVehSpd\_Kph\_u9p7[8] 13824 t\_CmnVehSpd\_Kph\_u9p7[9] 13952 t\_CmnVehSpd\_Kph\_u9p7[10] 14080 t\_CmnVehSpd\_Kph\_u9p7[11] 14208 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 4506 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 4915 t DmpADDCoefX\_MtrNm\_u4p12[2] 5325 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 5734 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 6144 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 6554 t DmpADDCoefX MtrNm u4p12[6] 6963 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 7373 t DmpADDCoefX MtrNm u4p12[8] 7782 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 8192 t DmpDecelGainSlewX MtrRadpS u11p5[0] 3872 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 3904 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 3936 3968 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 4000  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5]$ 4032 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1480 t DmpDecelGainSlewY\_UlspS\_u13p3[1] 1488 t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1496 t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] 1504 t\_DmpDecelGainSlewY\_UlspS\_u13p3[4] 1512 t\_DmpDecelGainSlewY\_UlspS\_u13p3[5] 1520  $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 3277 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1] 4915 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2] 6554 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3] 8192 t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4] 9830 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 1608 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 2032 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2] 2455 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] 2878 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 3302 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 3725  $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]$ 4148 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 4572 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 4995 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 5419 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0] 1648 t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1] 2320 144 t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1] 146 144 t\_FDD\_BlendTblY\_Uls\_u8p8[0] t\_FDD\_BlendTblY\_Uls\_u8p8[1] 146 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 149 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 152 t FDD BlendTblY Uls u8p8[4] 154 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 157 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 159 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 162 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 164 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 167

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	169		
t_FDD_BlendTblY_Uls_u8p8[11]	172		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_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_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]	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	4.4		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	650.01		
$tgt\_FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrlComSvcDft\_Cnt\_lgc.value$	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	305.05		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	2.3		
$tgt\_Rte\_Call\_Ap\_FrqDepDmpnInrtCmp\_FltInjection\_SCom\_FltInjectio$	5.5		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmcPert2$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssiste	Cmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_Inst\_Ap\_FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_InstAp\_FrqDepDmpnInrtCmp\_Per1\_CRFM$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSrrqDepDmpSrrqDepDmpNrtCmp\_Per1\_FreqDepDmpNTCmp_Per1\_FreqDepDmpNrtCmp_Per1\_FreqDepDmpNrtCmp_Per1\_FreqDepDmp$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDn	npSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnInrtCmp\_F$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hwtroup = 0.0000000000000000000000000000000000$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAccessing to the property of the property$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
$tgt \ \ Rte \ \ Inst \ \ Ap \ \ FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp \ \ Per1 \ \ VehicleSpeed \ \ I$			
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBlackers$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBlnd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128036.406	128036.4099 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	34435492	34435493.31 ± 99.9	✓
Prev1SclDrvVel_RadpS_M_f32	130.127335	130.127343 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	5000.02979	5000.03 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076923 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	0.261120796	0.261126154 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	5.5	5.5 ± 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	<b>✓</b>
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	<b>~</b>
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	<b>✓</b>
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.29 (Repeat Count = 1)	🔻
Name	Input Value
PreDecelGain_Uls_M_f32	128138.585
Prev1PreAttnComp MtrNm M f32	-8.5
Prev1ScIDrvVel_RadpS_M_f32	-26.3
Prev2PreAttnComp_MtrNm_M_f32	-6.6
Prev2SclDrvVel_RadpS_M_f32	175.2
PrevTbarAng_HwDeg_M_f32	-0.51
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_	_UIs_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	6.1
TbarVelFiltSv_M_str.K_Uls_f32	0.58963
k_CmnSysKinRatio_MtrDegpHwDeg_f32	28.12
k CmnTbarStiff NmpDeg f32	6.8
k_DmpDecelGainFSlew_UlspS_f32	200.02
k_DmpDecelGain_Uls_f32	5.9
k_DmpGainOffThresh_KphpS_f32	30.2
k_DmpGainOnThresh_KphpS_f32	8.3
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][1]	2130
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][2]	2471
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][3]	2811
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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 ADDRollingTbIYM MtrNmpRadpS um1p17[1][9]	5419
12_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_rreqTblYM_Hz_u12p4[0][4]	560
	576
t2_FDD_FreqTbIYM_Hz_u12p4[0][5] t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTbIYM_Hz_u12p4[0][6] t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	608
tz_FDD_FreqTbtYM_Hz_u12p4[0][7] t2_FDD_FreqTbtYM_Hz_u12p4[0][8]	624
tz_FDD_FreqTbIYM_Hz_u12p4[0][8] t2 FDD FreqTbIYM Hz u12p4[0][9]	640
	656
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1206
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1312

FrqDepDmpnInrtCmp\_Per1

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T TQB CPB TIPTITITION P_T CTT		(
Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1328	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1344	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1360	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1376	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1392	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1408	
t2_FDD_FreqTbIYM_Hz_u12p4[1][8]	1424	
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	1440	
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1456	
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1472	
t_CmnVehSpd_Kph_u9p7[0]	15488	
t_CmnVehSpd_Kph_u9p7[1]	15616	
t_CmnVehSpd_Kph_u9p7[2]	15744	
t_CmnVehSpd_Kph_u9p7[3]	15872	
t_CmnVehSpd_Kph_u9p7[4]	16000	
t_CmnVehSpd_Kph_u9p7[5]	16128	
t_CmnVehSpd_Kph_u9p7[6]	16256	
t_CmnVehSpd_Kph_u9p7[7]	16384	
t_CmnVehSpd_Kph_u9p7[8]	16512	
t_CmnVehSpd_Kph_u9p7[9]	16640	
t_CmnVehSpd_Kph_u9p7[10]	16768	
t_CmnVehSpd_Kph_u9p7[11]	16896	
t_DmpADDCoefX_MtrNm_u4p12[0]	8602	
t_DmpADDCoefX_MtrNm_u4p12[1]	9011	
t_DmpADDCoefX_MtrNm_u4p12[2]	9421	
t_DmpADDCoefX_MtrNm_u4p12[3]	9830	
t_DmpADDCoefX_MtrNm_u4p12[4]	10240	
t_DmpADDCoefX_MtrNm_u4p12[5]	10650 11059	
t_DmpADDCoefX_MtrNm_u4p12[6]		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469 11878	
t_DmpADDCoefX_MtrNm_u4p12[8]	12288	
t_DmpADDCoefX_MtrNm_u4p12[9]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	4192 4224	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1] t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	4224	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	4288	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	4320	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	4352	
t DmpDecelGainSlewY UlspS u13p3[0]	2408	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	2416	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	2424	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	2432	
t DmpDecelGainSlewY UlspS u13p3[4]	2440	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	2448	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192	
t DmpFiltKpWIRBIndY Uls u2p14[3]	9830	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	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_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	4175	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	4856	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400	
t_FDD_AttenTblY_Uls_u8p8[0]	172	
t_FDD_AttenTblY_Uls_u8p8[1]	174	
t_FDD_BlendTblY_Uls_u8p8[0]	172	
t_FDD_BlendTblY_Uls_u8p8[1]	174	
t_FDD_BlendTblY_Uls_u8p8[2]	176	
t_FDD_BlendTblY_Uls_u8p8[3]	178	
t_FDD_BlendTblY_Uls_u8p8[4]	180	
t_FDD_BlendTblY_Uls_u8p8[5]	183	
t_FDD_BlendTblY_Uls_u8p8[6]	185	
t_FDD_BlendTblY_Uls_u8p8[7]	187	
t_FDD_BlendTblY_Uls_u8p8[8]	189	
t_FDD_BlendTblY_Uls_u8p8[9]	191	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	193		
t_FDD_BlendTblY_Uls_u8p8[11]	195		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90		
t InrtCmp ScaleFactorTblY Uls u9p7[7]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
t InrtCmp ScaleFactorTblY Uls u9p7[10]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	77		
t_InrtCmp_TBarVel_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_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_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	-4.4		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-650.08		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-3.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-10.02		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	315.04		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	4.3		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-5.6		
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmc$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssist0	Cmd_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_CRFMotorVel\_!$	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorV	el_MtrRadpS_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FreqDepDmpSr$	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDm	npSrlComSvcDft_Cnt_lgc	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_FrqDepDmpnIn$	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_HwTorque\_Hw1$	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_VehicleLonAcce$	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon/	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_WIRCmdAmpBlance(Mathematical Applications) and the properties of the properties$	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128138.188	128138.185 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	-420468.938	-420469.0063 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-64.6186523	-64.61864443 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-26.2999992	-26.3 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.11588478	1.115892294 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-5.5999999	-5.6 ± 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_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.30 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
PreDecelGain_Uls_M_f32	128240.56
Prev1PreAttnComp MtrNm M f32	1.3
Prev1ScIDrvVel_RadpS_M_f32	18.2
Prev2PreAttnComp_MtrNm_M_f32	6.6
Prev2ScIDrvVel_RadpS_M_f32	-120.8
PrevTbarAng_HwDeg_M_f32	20
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_Uls	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-3.5
TbarVelFiltSv_M_str.K_Uls_f32	0.63214
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.13
k CmnTbarStiff NmpDeg f32	0.5
k_DmpDecelGainFSlew_UlspS_f32	300.03
k_DmpDecelGain_Uls_f32	5.8
k_DmpGainOffThresh_KphpS_f32	35.3
k_DmpGainOnThresh_KphpS_f32	12.5
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	832
t2_FDD_FreqTbIYM_Hz_u12p4[0][2]	848
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152

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FrqDepDmpnInrtCmp\_Per1 Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][2] 1168 1184 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][3] t2 FDD FreqTblYM Hz\_u12p4[1][4] 1200 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][5] 1216 t2 FDD\_FreqTblYM\_Hz\_u12p4[1][6] 1232 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][7] 1248 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][8] 1264 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][9] 1280 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 1296 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 1312 t\_CmnVehSpd\_Kph\_u9p7[0] 10368 10496 t\_CmnVehSpd\_Kph\_u9p7[1] 10624 t\_CmnVehSpd\_Kph\_u9p7[2]  $t\_CmnVehSpd\_Kph\_u9p7[3]$ 10752 10880 t\_CmnVehSpd\_Kph\_u9p7[4] 11008 t\_CmnVehSpd\_Kph\_u9p7[5] t\_CmnVehSpd\_Kph\_u9p7[6] 11136 11264 t\_CmnVehSpd\_Kph\_u9p7[7] t\_CmnVehSpd\_Kph\_u9p7[8] 11392 t\_CmnVehSpd\_Kph\_u9p7[9] 11520 t\_CmnVehSpd\_Kph\_u9p7[10] 11648 t\_CmnVehSpd\_Kph\_u9p7[11] 11776 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 12698 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 13107 t DmpADDCoefX\_MtrNm\_u4p12[2] 13517 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 13926 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 14336 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 14746 t DmpADDCoefX MtrNm u4p12[6] 15155 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 15565 t DmpADDCoefX MtrNm u4p12[8] 15974 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 16384 t DmpDecelGainSlewX MtrRadpS u11p5[0] 5792 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[1] 5824 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[2] 5856 5888 t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[3] t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[4] 5920  $t\_DmpDecelGainSlewX\_MtrRadpS\_u11p5[5]$ 5952 t\_DmpDecelGainSlewY\_UlspS\_u13p3[0] 1208 1216 t\_DmpDecelGainSlewY\_UlspS\_u13p3[1] t\_DmpDecelGainSlewY\_UlspS\_u13p3[2] 1224

1232

1240

1248

6554

8192

9830

11469

13107

161

328

494

661

827

994

1160

1326

1493

1659

1648

2480 218

220 218

220 223

225

227

230

232

234

237

239

t\_DmpDecelGainSlewY\_UlspS\_u13p3[3] t\_DmpDecelGainSlewY\_UlspS\_u13p3[4]

t\_DmpDecelGainSlewY\_UlspS\_u13p3[5]

 $t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[0]$ 

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[1]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[2]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[3]

t\_DmpFiltKpWIRBIndY\_Uls\_u2p14[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0]

t FDD ADDStaticTblY MtrNmpRadpS um1p17[1]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[2]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3]

t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5]

 $t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6]$ 

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8]

t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[0]

t\_FDD\_AttenTblX\_MtrRadpS\_u12p4[1]

t\_FDD\_AttenTblY\_Uls\_u8p8[0] t\_FDD\_AttenTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[0] t\_FDD\_BlendTblY\_Uls\_u8p8[1]

t\_FDD\_BlendTblY\_Uls\_u8p8[2] t\_FDD\_BlendTblY\_Uls\_u8p8[3]

t FDD BlendTblY Uls u8p8[4]

t\_FDD\_BlendTblY\_Uls\_u8p8[5]

t\_FDD\_BlendTblY\_Uls\_u8p8[6]

t\_FDD\_BlendTblY\_Uls\_u8p8[7]

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

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

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	241	
t_FDD_BlendTblY_Uls_u8p8[11]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102	
t InrtCmp ScaleFactorTblY Uls u9p7[6]	115	
t InrtCmp ScaleFactorTblY UIs u9p7[7]	128	
t InrtCmp ScaleFactorTblY Uls u9p7[8]	141	
t InrtCmp ScaleFactorTblY UIs 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]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915	
t_RIAstWIRBIndTblY_UIs_u2p14[2]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830	
t_WIRBIndTbIX_MtrNm_u8p8[0]	538	
t_WIRBIndTbIX_MtrNm_u8p8[1]	563	
t_WIRBIndTbIX_MtrNm_u8p8[2]	589	
t_WIRBIndTbIX_MtrNm_u8p8[3]	614	
t_WIRBIndTbIX_MtrNm_u8p8[4]	640	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	5.5	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	110.05	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	10	
tgt FrqDepDmpnInrtCmp Per1 VehicleLonAccel KphpS f32.value	10.03	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	325.02	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBlnd_MtrNm_f32.value	5.3	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	6.8	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 CRFMotorVel		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FreqDepDmpS		t lac
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 FrqDepDmpnIn		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 HwTorque Hw		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE		
Name		Resul
Tanic Tanic	Actual Value Expected Value	Resu

<u>v= = = := : : : : := = =               </u>	.   0	·	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	128239.961	128239.9599 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	224855.719	224855.71732493 ± 0.9	•
Prev1SclDrvVel_RadpS_M_f32	42.4358139	42.4358127289631 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	•
Prev2SclDrvVel_RadpS_M_f32	18.2000008	18.2 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	20	20	•
TbarVelFiltSv_M_str.SV_Uls_f32	-1.28751016	-1.28751 ± 0.00390625	•
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	6.80000019	6.8 ± 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	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.31 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
PreDecelGain_Uls_M_f32	45678
Prev1PreAttnComp MtrNm M f32	-4.5
Prev1ScIDrvVel_RadpS_M_f32	-48.5
Prev2PreAttnComp_MtrNm_M_f32	-1.1
Prev2ScIDrvVel_RadpS_M_f32	-380.2
PrevTbarAng_HwDeg_M_f32	-3.06
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPath_UIs_	
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt Rte Inst Ap FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-2.5
TbarVelFiltSv M str.K Uls f32	0.4488
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.25
k_CmnTbarStiff_NmpDeg_f32	3.1
k_DmpDecelGainFSlew_UlspS_f32	1900.08
k_DmpDecelGain_Uls_f32	2.6
k_DmpGainOffThresh_KphpS_f32	22.5
k_DmpGainOnThresh_KphpS_f32	16.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00033
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTbIYM_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]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64

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Name	Input Value	
<b>Name</b> t2_FDD_FreqTblYM_Hz_u12p4[1][2]	Input Value 80	
t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96	
12_FDD_FreqTblYM_Hz_u12p4[1][4]	112	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	224	
CmnVehSpd_Kph_u9p7[0]	128	
_CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_CmnVehSpd_Kph_u9p7[4]	640	
_CmnVehSpd_Kph_u9p7[5]	768	
_CmnVehSpd_Kph_u9p7[6]	896	
_CmnVehSpd_Kph_u9p7[7]	1024	
_CmnVehSpd_Kph_u9p7[8]	1152	
_CmnVehSpd_Kph_u9p7[9]	1280	
_CmnVehSpd_Kph_u9p7[10]	1408	
_CmnVehSpd_Kph_u9p7[11]	1536	
_DmpADDCoefX_MtrNm_u4p12[0]	12698	
_DmpADDCoefX_MtrNm_u4p12[1]	13107	
_DmpADDCoefX_MtrNm_u4p12[2]	13517	
_DmpADDCoefX_MtrNm_u4p12[3]	13926	
_DmpADDCoefX_MtrNm_u4p12[4]	14336	
_DmpADDCoefX_MtrNm_u4p12[5]	14746	
_DmpADDCoefX_MtrNm_u4p12[6]	15155	
_DmpADDCoefX_MtrNm_u4p12[7]	15565	
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	30592	
_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	30624	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	30656	
_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	30688	
_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	30720	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	30752	
_DmpDecelGainSlewY_UlspS_u13p3[0]	448	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	456	
_DmpDecelGainSlewY_UlspS_u13p3[2]	464	
_DmpDecelGainSlewY_UlspS_u13p3[3]	472	
_DmpDecelGainSlewY_UlspS_u13p3[4]	480	
:_DmpDecelGainSlewY_UlspS_u13p3[5]	488	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920	
_FDD_AttenTblY_Uls_u8p8[0]	237	
_FDD_AttenTblY_Uls_u8p8[1]	239	
_FDD_BlendTbIY_Uls_u8p8[0]	20	
_FDD_BlendTblY_Uls_u8p8[1]	23	
_FDD_BlendTblY_Uls_u8p8[2]	26	
_FDD_BlendTblY_Uls_u8p8[3]	28	
_FDD_BlendTblY_Uls_u8p8[4]	31	
:_FDD_BlendTblY_Uls_u8p8[5]	33	
t_FDD_BlendTblY_Uls_u8p8[6]	36	
t_FDD_BlendTblY_Uls_u8p8[7]	38	
:_FDD_BlendTblY_Uls_u8p8[8]	41	
t_FDD_BlendTblY_Uls_u8p8[9]	44	

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Name	Input Value		
t_FDD_BlendTbiY_Uls_u8p8[10]	46		
:_FDD_BlendTblY_Uls_u8p8[11]	49		
:_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	205		
	218		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	230		
	243		
i_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	256		
scaleFactorTblY_Uls_u9p7[5]	269		
_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	282		
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		
:_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]	1638		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	8192		
	1434		
t_WIRBIndTbIX_MtrNm_u8p8[0] t WIRBIndTbIX MtrNm u8p8[1]	1459		
	1485		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1536		
t_WIRBIndTblX_MtrNm_u8p8[4]			
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-1.1		
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-250.03		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-9.5		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	35.01		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	240.05		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	5.5		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.8		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSi			
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	0_ , , , ,_ ,_ ,	·	
gt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt		_	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce			
tat Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBl	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAn	npBInd_MtrNm_f32	
Name	Actual Value	Expected Value	Resul

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Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	45674.1992	45674.19984 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	57899.4453	57899.44082 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-176.861588	-176.8615543 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-48.5	-48.5 ± 0.00390625	•
PrevTbarAng_HwDeg_M_f32	-3.06451631	-3.064516129 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-2.39147186	-2.391419355 ± 0.00390625	•
tgt_FrgDepDmpnInrtCmp_Per1_FrgDepDmpnInrtCmp_MtrNm_f32.value	-8.80000019	-8.8 ± 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	<b>✓</b>
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	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	<b>~</b>
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	<b>✓</b>
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.32 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	127628.71
Prev1PreAttnComp MtrNm M f32	6.5
Prev1SclDrvVel_RadpS_M_f32	163.6
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	175.3
PrevTbarAng_HwDeg_M_f32	1.154
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalPat	h_Uls_tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	3.2
TbarVelFiltSv_M_str.K_Uls_f32	0.5599
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.06
k_CmnTbarStiff_NmpDeg_f32	1.3
k_DmpDecelGainFSlew_UlspS_f32	200.09
k_DmpDecelGain_Uls_f32	2.8
k_DmpGainOffThresh_KphpS_f32	22.2
k_DmpGainOnThresh_KphpS_f32	24.6
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034
k InrtCmp MtrVel ScaleFactor Uls f32	0.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1087
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1188
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	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_FDDreqTbiYM_riz_u12p4[0][2]	368
t2_FDD_rreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
tz_FDD_FreqTbIYM_Hz_u12p4[0][4] t2 FDD FreqTbIYM Hz u12p4[0][5]	416
tz_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
tz_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
	464
12_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512 64
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112	
12_FDD_FreqTbIYM_Hz_u12p4[1][4]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	144	
12_FDD_FreqTblYM_Hz_u12p4[1][6]	160	
t2_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	
	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	
Cmirvenspa_rcpi_uspr[11] _DmpADDCoefX_MtrNm_u4p12[0]	16794	
_DmpADDCcetX_MtrNm_u4p12[1]	17203	
:_DmpADDCoefX_MtrNm_u4p12[1]	17613	
DITIPADDCOetX_MtrNm_u4p12[2] _DmpADDCoefX_MtrNm_u4p12[3]	18022	
DmpADDCoefX_MtrNm_u4p12[4]	18432	
:_DmpADDCoefX_MtrNm_u4p12[4]	18842	
:_DmpADDCoefX_MtrNm_u4p12[6]	19251	
:_DmpADDCoefX_MtrNm_u4p12[7]	19661	
	20070	
_DmpADDCoefX_MtrNm_u4p12[8] _DmpADDCoefX_MtrNm_u4p12[9]	20480	
	27264	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]		
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	27296	
:_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	27328	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	27360	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	27392	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	27424	
DmpDecelGainSlewY_UlspS_u13p3[0]	680	
DmpDecelGainSlewY_UlspS_u13p3[1]	688	
	696	
	704	
DmpDecelGainSlewY_UlspS_u13p3[4]	712	
DmpDecelGainSlewY_UlspS_u13p3[5]	720	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
_FDD_ADDStaticTbIY_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_ADDStaticTbIY_MtrNmpRadpS_um1p17[7]	1326	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	1493	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
_FDD_AttenTblY_Uls_u8p8[0]	49	
_FDD_AttenTblY_Uls_u8p8[1]	51	
_FDD_BlendTblY_Uls_u8p8[0]	49	
_FDD_BlendTblY_Uls_u8p8[1]	51	
FDD_BlendTblY_Uls_u8p8[2]	54	
_FDD_BlendTblY_Uls_u8p8[3]	57	
_FDD_BlendTblY_Uls_u8p8[4]	60	
_FDD_BlendTblY_Uls_u8p8[5]	63	
_FDD_BlendTblY_Uls_u8p8[6]	66	
	68	
_FDD_BlendTblY_Uls_u8p8[8]	71	
	74	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	77	
t_FDD_BlendTblY_Uls_u8p8[11]	80	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320	
t InrtCmp ScaleFactorTblY Uls u9p7[9]	333	
t InrtCmp ScaleFactorTblY Uls u9p7[10]	346	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	3	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	15	
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830	
t_WIRBIndTblX_MtrNm_u8p8[0]	1690	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	2.2	
	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	-35.06	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	260.02	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	6.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio	8.8	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCm		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Fr		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc		
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE		
Name	Actual Value Expected Value	Result

<u> </u>	.   0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127628.313	127628.3098 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	-25875.293	-25875.2916 ± 0.09	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	270.225586	270.2255612 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	163.600006	163.6 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	1.36523604	1.365250769 ± 0.00390625	<b>✓</b>
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	8.80000019	8.8 ± 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	<b>~</b>
FilterCoefCalc	1	FilterCoefCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	<b>~</b>
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.33 (Repeat Count = 1)	✓
	Input Value
	127730.685
	-6.5
1= ==	-90.23
	-8.1
1= ==	-120.1
_ ,	-0.554
0_ 0	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
	4.5
	0.1258
	26.02
	2.7
	300.06
	3.5
	33.2
	32.2
	0.00035
	0.5
	1066
	1212
	1359
	1506
	1653
	1800
, , _ ,,	1946
, , _ , ,,	2093 2240
, , _ , ,,	2387 885
	986
	1087
	1188
	1288
	1389
	1490
	1591
	1692
	1793
	656
	672
	688
	704
	720
, ,,	736
,	752
	768
, ,,	784
	800
	816
	832
	80
	96

FrqDepDmpnInrtCmp\_Per1

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Name	Input Value	
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112	
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128	
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160	
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176	
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192	
t2_FDD_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 7424	
t_CmnVehSpd_Kph_u9p7[5] t_CmnVehSpd_Kph_u9p7[6]	7552	
t_CmnVehSpd_Kph_u9p7[7]	7680	
t_CmnVehSpd_Kph_u9p7[8]	7808	
t_CmnVehSpd_Kph_u9p7[9]	7936	
t CmnVehSpd Kph u9p7[10]	8064	
t_CmnVehSpd_Kph_u9p7[11]	8192	
t_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t_DmpADDCoefX_MtrNm_u4p12[3]	22118	
t DmpADDCoefX MtrNm u4p12[4]	22528	
t_DmpADDCoefX_MtrNm_u4p12[5]	22938	
t_DmpADDCoefX_MtrNm_u4p12[6]	23347	
t_DmpADDCoefX_MtrNm_u4p12[7]	23757	
t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	9120	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[1]	9152	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[2]	9184	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[3]	9216	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[4]	9248	
t_DmpDecelGainSlewX_MtrRadpS_u11p5[5]	9280	
t_DmpDecelGainSlewY_UlspS_u13p3[0]	1536	
t_DmpDecelGainSlewY_UlspS_u13p3[1]	1544	
t_DmpDecelGainSlewY_UlspS_u13p3[2]	1552	
t_DmpDecelGainSlewY_UlspS_u13p3[3]	1560	
t_DmpDecelGainSlewY_UlspS_u13p3[4]	1568	
t_DmpDecelGainSlewY_UlspS_u13p3[5]	1576	
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277	
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915	
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554	
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192	
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920 2080	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	65	
t_FDD_AttenTblY_Uls_u8p8[0]	68	
t_FDD_AttenTblY_Uls_u8p8[1] 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]	70 73	
t_FDD_BlendTblY_Uls_u8p8[4]	75	
t_FDD_BlendTblY_Uls_u8p8[5]	78	
t_FDD_BlendTblY_Uls_u8p8[6]	80	
t_FDD_BlendTblY_Uls_u8p8[7]	83	
t_FDD_BlendTblY_Uls_u8p8[8]	86	
t_FDD_BlendTblY_Uls_u8p8[9]	88	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	91	
t_FDD_BlendTblY_Uls_u8p8[11]	93	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128	
t InrtCmp ScaleFactorTblY Uls u9p7[10]	141	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	154	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	17	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	18	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	19	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	20	
	22	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5] 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]	4915	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830	
t_RIAstWIRBIndTblY_Uls_u2p14[4]	11469	
t_WIRBIndTbIX_MtrNm_u8p8[0]	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	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-2.2	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	-450.14	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-1.5	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	30.02	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	270.06	
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.2	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	0	
$tgt\_Rte\_Inst\_Ap\_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp\_Per1\_BaseAssistCmp$	tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_	tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS	tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hw	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcc	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed	I tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpE	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32	
Name	Actual Value Expected Value	Result

<u> </u>	.   0		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	127730.086	127730.0849 ± 0.0625	~
Prev1PreAttnComp_MtrNm_M_f32	44157.7891	44157.78752 ± 0.09	✓
Prev1SclDrvVel_RadpS_M_f32	-224.675308	-224.6753087 ± 0.00390625	✓
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-90.2300034	-90.23 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.555555556 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.83605886	3.836055556 ± 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	~
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	~
DecelGain	1	DecelGain	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
DriverVelCalc	1	DriverVelCalc	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•
FilterCoefCalc	1	FilterCoefCalc	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•
GenFddlcCmd	1	GenFddlcCmd	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.34 (Repeat Count = 1)	
Name	Input Value
PreDecelGain_Uls_M_f32	126812.91
Prev1PreAttnComp_MtrNm_M_f32	-7.7
Prev1SclDrvVel_RadpS_M_f32	-28.5
Prev2PreAttnComp_MtrNm_M_f32	-6.5
Prev2SclDrvVel_RadpS_M_f32	-297.3
PrevTbarAng_HwDeg_M_f32	1.145
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection(SignalP	ath_Uls_ tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio
Rte_Inst_Ap_FrqDepDmpnInrtCmp	tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp
TbarVelFiltSv_M_str.SV_Uls_f32	-4.2
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.12
k_CmnTbarStiff_NmpDeg_f32	5.5
k_DmpDecelGainFSlew_UlspS_f32	1200.05
k_DmpDecelGain_Uls_f32	2.5
k_DmpGainOffThresh_KphpS_f32	8.2
k_DmpGainOnThresh_KphpS_f32	35.2
k_InrtCmp_MtrInertia_KgmSq_f32	0.00013
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496
	512
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544
12 FDD FreqTblYM Hz u12p4[0][4]	560
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576
12_FDD_FreqTblYM_Hz_u12p4[0][6]	592
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608
t2_FDD_freqTblYM_Hz_u12p4[0][7]	624
t2_FDD_reqTblYM_Hz_u12p4[0][0]	640
t2_FDD_freqTblYM_Hz_u12p4[0][10]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672
t2_FDD_rieqTbiYM_Hz_u12p4[0][11] t2_FDD_FreqTbiYM_Hz_u12p4[1][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	112
(2_1 DD_1 16q1011W_112_012P4[1][1]	114

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Manua	Innut Value	
Name	Input Value	
I2_FDD_FreqTblYM_Hz_u12p4[1][2]	128	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	144	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	160	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	176	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	192	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	208	
2_FDD_FreqTblYM_Hz_u12p4[1][8]	224	
2_FDD_FreqTblYM_Hz_u12p4[1][9]	240	
2_FDD_FreqTblYM_Hz_u12p4[1][10]	256	
2_FDD_FreqTblYM_Hz_u12p4[1][11]	272	
_CmnVehSpd_Kph_u9p7[0]	128	
CmnVehSpd_Kph_u9p7[1]	256	
_CmnVehSpd_Kph_u9p7[2]	384	
_CmnVehSpd_Kph_u9p7[3]	512	
_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	
mmanapa_rpri_aspri_rrj	12698	
DmpADDCoefX_MtrNm_u4p12[1]	13107	
:_DmpADDCoefX_MtrNm_u4p12[2]	13517	
:_DmpADDCoefX_MtrNm_u4p12[3]	13926	
DmpADDCocfX_MtrNm_u4p12[4]	14336	
:_DmpADDCoefX_MtrNm_u4p12[4]	14746	
:_DmpADDCoefX_MtrNm_u4p12[6]	15155	
	15565	
_DmpADDCoefX_MtrNm_u4p12[7]		
_DmpADDCoefX_MtrNm_u4p12[8]	15974	
_DmpADDCoefX_MtrNm_u4p12[9]	16384	
_DmpDecelGainSlewX_MtrRadpS_u11p5[0]	5280	
DmpDecelGainSlewX_MtrRadpS_u11p5[1]	5312	
DmpDecelGainSlewX_MtrRadpS_u11p5[2]	5344	
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	
_DmpDecelGainSlewY_UlspS_u13p3[2]	1496	
:_DmpDecelGainSlewY_UlspS_u13p3[3]	1504	
_DmpDecelGainSlewY_UlspS_u13p3[4]	1512	
_DmpDecelGainSlewY_UlspS_u13p3[5]	1520	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469	
DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107	
	1066	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212	
	1359	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[3]	1506	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653	
FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[5]	1800	
:_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093	
FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	2387	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296	
_FDD_AttenTblX_MtrRadpS_u12p4[0] _FDD_AttenTblX_MtrRadpS_u12p4[1]	1360	
	230	
FDD_AttenTblY_Uls_u8p8[0]	230	
_FDD_AttenTblY_Uls_u8p8[1]		
_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	
t_FDD_BlendTblY_Uls_u8p8[9]	239	

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Name	Input Value	
t_FDD_BlendTblY_Uls_u8p8[10]	241	
t_FDD_BlendTblY_Uls_u8p8[11]	243	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141	
t InrtCmp ScaleFactorTblY Uls u9p7[9]	154	
t InrtCmp ScaleFactorTblY Uls u9p7[10]	166	
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	92	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	93	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	95	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	96	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	97	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	99	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	100	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	101	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	102	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	104	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	105	
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	106	
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_WIRBIndTblX_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	
tgt_FrqDepDmpnInrtCmp_Per1_BaseAssistCmd_MtrNm_f32.value	-5.4	
	200.2	
tgt_FrqDepDmpnInrtCmp_Per1_CRFMotorVel_MtrRadpS_f32.value	0	
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	6.3	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-33.05 190.05	
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	7.7 7.3	
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FitInjection_SCom_FitInjectio		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpS		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnInrtCmp_Fr		
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

<u> </u>	.   0 = 1 1 1 1 = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126812.906	126812.91 ± 0.0625	•
Prev1PreAttnComp_MtrNm_M_f32	267220.719	267220.7121 ± 0.9	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	96.8688278	96.86883293 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.69999981	-7.7 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-28.5	-28.5 ± 0.00390625	~
PrevTbarAng_HwDeg_M_f32	1.14545453	1.145454545 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.05580378	-4.055803727 ± 0.00390625	~
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	7.30000019	7.3 ± 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	<b>~</b>
FilterCoefCalc	1	FilterCoefCalc	1	<b>✓</b>
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	<b>~</b>
GenFddlcCmd	1	GenFddlcCmd	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	~
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	~

Test Step 3.35 (Repeat Count = 1)	<b>✓</b>
	Input Value
	126914.885
	1.5
	24.6
	6.5
1= ==	382.2
	-0.979
0_ 0	tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio
	tgt Rte Inst Ap FrqDepDmpnInrtCmp
	4.3
	0.096321
	66.13
	6.5
	1300.06
	5.6
- ,	12.2
	40.1
	0.00014
_ '	0.4
	342
	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1024
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
	1705
	2046
, , _ , ,,	2387
	2728
	3068
	3409
	161
	328
	494
	661
	827
	994
	1160
, , _ , ,,	1326 1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
, , _ , ,	1136
	1152 1168
	1184
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	1200
	1216
	1232 1248
' ''	1264
	1280
	1296
	1312
	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672

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Name	Input Value	
2_FDD_FreqTblYM_Hz_u12p4[1][2]	688	
2_FDD_FreqTblYM_Hz_u12p4[1][3]	704	
2_FDD_FreqTblYM_Hz_u12p4[1][4]	720	
2_FDD_FreqTblYM_Hz_u12p4[1][5]	736	
2_FDD_FreqTblYM_Hz_u12p4[1][6]	752	
2_FDD_FreqTblYM_Hz_u12p4[1][7]	768	
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	
	6400	
_CmnVehSpd_Kph_u9p7[4]	7680	
_CmnVehSpd_Kph_u9p7[5]	8960	
	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	
DmpDecelGainSlewY UlspS u13p3[4]	1640	
	1648	
_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192	
_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830	
_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469	
_DmpFiltKpWIRBIndY_UIs_u2p14[3]	13107	
_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1246	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	4382	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	
_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344	
_FDD_AttenTblX_MtrRadpS_u12p4[1]	1440	
_FDD_AttenTblY_Uls_u8p8[0]	71	
_FDD_AttenTblY_Uls_u8p8[1]	74	
_FDD_BlendTblY_Uls_u8p8[0]	3	
_FDD_BlendTblY_Uls_u8p8[1]	5	
_FDD_BlendTblY_Uls_u8p8[2]	8	
_FDD_BlendTblY_Uls_u8p8[3]	10	
_FDD_BlendTblY_Uls_u8p8[4]	13	
_FDD_BlendTblY_Uls_u8p8[5]	15	
_FDD_BlendTblY_Uls_u8p8[6]	18	
	20	
FDD BlendTblY Uls u8p8f71		
:_FDD_BlendTblY_Uls_u8p8[7] :_FDD_BlendTblY_Uls_u8p8[8]	23	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[10]	28		
t_FDD_BlendTblY_Uls_u8p8[11]	31		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	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		
	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t_RIAstWIRBIndTblY_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]	922		
t_WIRBIndTblX_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	-200.4		
tgt_FrqDepDmpnInrtCmp_Per1_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0		
tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_HwNm_f32.value	-6.4		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleLonAccel_KphpS_f32.value	-44.06		
tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpeed_Kph_f32.value	210.03		
tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAmpBInd_MtrNm_f32.value	1.2		
tgt_Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjectio	-8.2		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_BaseAssistCmc			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_CRFMotorVel_I	<u> </u>		
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FreqDepDmpSr			
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_FrqDepDmpnIn	tgt_FrqDepDmpnInrtCmp_Per1_FrqDepDmp	onInrtCmp_MtrNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_HwTorque_Hwt	tgt_FrqDepDmpnInrtCmp_Per1_HwTorque_	HwNm_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_VehicleLonAcce	tgt_FrqDepDmpnInrtCmp_Per1_VehicleLon	Accel_KphpS_f32	
tgt Rte Inst Ap FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp Per1 VehicleSpeed I	tgt_FrqDepDmpnInrtCmp_Per1_VehicleSpe	ed_Kph_f32	
tgt_Rte_Inst_Ap_FrqDepDmpnInrtCmp.FrqDepDmpnInrtCmp_Per1_WIRCmdAmpB	tgt_FrqDepDmpnInrtCmp_Per1_WIRCmdAr	npBlnd_MtrNm_f32	
	Actual Value	Expected Value	Result

<u> </u>	.   0 = = =	. – –	
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	126912.281	126912.2849 ± 0.0625	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-756922.563	-756922.4402 ± 0.9	✓
Prev1SclDrvVel_RadpS_M_f32	-79.67099	-79.67099743 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	24.6000004	24.6 ± 0.00390625	✓
PrevTbarAng_HwDeg_M_f32	-0.984615386	-0.984615385 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	3.61537886	3.615379969 ± 0.00390625	✓
tat FraDepDmpnInrtCmp Per1 FraDepDmpnInrtCmp MtrNm f32.value	-8.19999981	-8.2 + 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	•	
FilterCoefCalc	1	FilterCoefCalc	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	•	
GenFddlcCmd	1	GenFddlcCmd	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	
Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	Rte_Call_Ap_FrqDepDmpnInrtCmp_FltInjection_SCom_FltInjection	1	•	
Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	Rte_Call_FrqDepDmpnInrtCmp_Per1_CP1_CheckpointReached	1	•	

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DriverVelCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object DriverVelCalc

#### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



#### **Module Properties**

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

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c
	Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16
	Unit Test Plan Version: 6 Optimization Level: Level 2
	Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994
	Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014
	Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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

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```
Test Case 1: Boundary Test
Specification
                                                       Performance Metrics (With "None" Instrumentation and "WithPS" Environment)
                                                       CPU Cycles:
                                                                                330.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
                                                       TS1.1
                                                       TS1.2
                                                       TS1.3
                                                       TS1.4
TS1.5
TS1.6
TS1.7
                                                                                342.00 Cycles
498.00 Cycles
342.00 Cycles
330.00 Cycles
330.00 Cycles
418.00 Cycles
330.00 Cycles
                                                       TS1.8
TS1.9
                                                       TS1.10
                                                       TS1.11
                                                       TS1.12
TS1.13
                                                                                    342.00 Cycles
418.00 Cycles
342.00 Cycles
398.00 Cycles
330.00 Cycles
                                                       TS1.14
TS1.15
                                                       TS1.15
TS1.16
TS1.17
TS1.18
                                                       TS1.19
TS1.20
TS1.21
TS1.22
                                                                                    330.00 Cycles
330.00 Cycles
428.00 Cycles
342.00 Cycles
                                                       TS1.23
TS1.24
TS1.25
                                                                                     342.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
                                                                                   342.00 Cycles
408.00 Cycles
342.00 Cycles
                                                      TS1.25
TS1.26
TS1.27
TS1.28
TS1.29
                                                       TS1.31
TS1.32
TS1.33
                                                       TS1.34
                                                       TS1.35
TS1.36
TS1.37
                                                                                     342.00 Cycles
342.00 Cycles
342.00 Cycles
                                                       TS1.38
                                                                                     342.00 Cycles
                                                                                     342.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
342.00 Cycles
                                                       TS1.39
TS1.40
                                                       TS1.41
TS1.42
                                                       TS1.43
                                                                                     342.00 Cycles
Description
                                                     Test Vector Description
                                                      TS1.1 HwTroque_HwNm_T_f32 = min
                                                    TS1.2 HWTroque_HwNm_T_f32 = max
TS1.3 HwTroque_HwNm_T_f32 = zero
TS1.4 HwTroque_HwNm_T_f32 = neg
TS1.5 HwTroque_HwNm_T_f32 = neg
TS1.5 HwTroque_HwNm_T_f32 = pos
TS1.6 CRFMotor/vel_MtrRadpS_T_f32 = min
TS1.7 CRFMotor/vel_MtrRadpS_T_f32 = max
                                                    IS1.7 CRF-MotorVel_MtrRadpS_I_f32 = max
S1.8 CRFMotorVel_MtrRadpS_T_f32 = zero
TS1.9 CRFMotorVel_MtrRadpS_T_f32 = neg
TS1.10 CRF-MotorVel_MtrRadpS_T_f32 = pos
TS1.11 VehicleSpeed_Kph_T_f32 = min
TS1.12 VehicleSpeed_Kph_T_f32 = max
TS1.13 VehicleSpeed_Kph_T_f32 = pos
TS1.14 PrevTbarAng_HwDeg_M_f32 = min
S1.15 PrevTbarAng_HwDeg_M_f32 = min
S1.15 PrevTbarAng_HwDeg_M_f32 = max
                                                                             PrevI barAng_HwDeg_M_f32 = min
PrevTbarAng_HwDeg_M_f32 = max
PrevTbarAng_HwDeg_M_f32 = zero
PrevIbarAng_HwDeg_M_f32 = neg
PrevIbarAng_HwDeg_M_f32 = pos
k_CmnTbarStiff_NmpDeg_f32 = min
k_CmnTbarStiff_NmpDeg_f32 = max
                                                      TS1.15
                                                      TS1.16
                                                      TS1.17
                                                      TS1.18
                                                      TS1 19
                                                      TS1.20
                                                                              k_CmnTbarStiff_NmpDeg_f32 = mid
k_CmnSysKinRatio_MtrDegpHwDeg_f32 = min
k_CmnSysKinRatio_MtrDegpHwDeg_f32 = max
                                                      TS1.21
                                                      TS1 22
                                                      TS1.23
                                                                              k_CmnSysKinRatio_MtrDegpHwDeg_f32 = mid
t_CmnVehSpd_Kph_u9p7[12] = min
t_CmnVehSpd_Kph_u9p7[12] = max
                                                      TS1.24
                                                      TS1 25
                                                      TS1.26
                                                                              t_cmnvenspd_kpn_usp7[12] = max
t_cmnvenspd_kph_usp7[12] = mid
t_intCmp_TBarVel_ScaleFactorTblY_Uls_usp7[12] = min
t_intCmp_TBarVel_ScaleFactorTblY_Uls_usp7[12] = max
t_intCmp_TBarVel_ScaleFactorTblY_Uls_usp7[12] = mid
k_intCmp_Mtrvel_ScaleFactor_Uls_f32 = min
k_intCmp_Mtrvel_ScaleFactor_Uls_f32 = mid
TbatVelSileD_MA_K_scaleFactor_Uls_f32 = mid
                                                      TS1.27
                                                     TS1.28
TS1.29
                                                     TS1.31
TS1.32
                                                      TS1.33
```

```
TS1.43 All max

Test Step 1.1 (Repeat Count = 1)

Name
Input Value

CRFMotorVel_MtrRadpS_T_f32 -1118
```

TS1.34 TS1.35 TS1.36 TS1.37

TS1.38 TS1.39 TS1.40

TS1 41

TS1.42 All min

TbarVelFiltSv\_M\_str.K = min TbarVelFiltSv\_M\_str.K = max TbarVelFiltSv\_M\_str.K = mid

TbarVelFiltSv\_M\_str.SV = min TbarVelFiltSv\_M\_str.SV = max TbarVelFiltSv\_M\_str.SV = zero

TbarVelFiltSv\_M\_str.SV = pos

TbarVelFiltSv\_M\_str.SV = neg

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DriverVelCalc

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

Name	Input Value		
HwTorque HwNm T f32	-10		
PrevTbarAng HwDeg M f32	-20		
TbarVelFiltSv M str.SV Uls f32	-6.6667		
TbarVelFiltSv M str.K Uls f32	0.001255848		
VehicleSpeed Kph T f32	0		
k CmnSysKinRatio MtrDegpHwDeg f32	1		
k CmnTbarStiff NmpDeg f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-0	0 ± 0.000009	~
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	<b>✓</b>

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

-6.65832758

-6.658327638 ± 0.00390625

Test Step 1.2 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	1118
HwTorque_HwNm_T_f32	10
PrevTbarAng_HwDeg_M_f32	20
TbarVelFiltSv_M_str.SV_Uls_f32	6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.715390457
VehicleSpeed_Kph_T_f32	511.9921875
k_CmnSysKinRatio_MtrDegpHwDeg_f32	100
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128

DriverVelCalc



Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-10740.3115	-10740.31169 ± 0.09	~
PrevTbarAng_HwDeg_M_f32	1	1 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-6794.31201	-6794.311935 ± 0.00390625	<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 1.3 (Repeat Count = 1)			~
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	100.5		
HwTorque_HwNm_T_f32	-10		
PrevTbarAng_HwDeg_M_f32	-8.33		
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587		
TbarVelFiltSv_M_str.K_Uls_f32	0.1258		
VehicleSpeed_Kph_T_f32	100.02		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10.2		
k_CmnTbarStiff_NmpDeg_f32	1.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	90.4685822	90.46858168 ± 0.00009	
PrevTbarAng HwDeg M f32	-8.33333302	-8.333333333 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	0.890704095	0.890688873 ± 0.00390625	

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

Test Step 1.4 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-100.6	
HwTorque_HwNm_T_f32	10	
PrevTbarAng_HwDeg_M_f32	3.9995	
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697	
TbarVelFiltSv_M_str.K_Uls_f32	0.2365	





Name	Input Value		
VehicleSpeed_Kph_T_f32	200.03		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.3		
k_CmnTbarStiff_NmpDeg_f32	2.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	17		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-80.3920822	-80.39208153 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	4	4 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.86838663	1.86839095 ± 0.00390625	<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 1.5 (Repeat Count = 1) Name	Input Value	
CRFMotorVel MtrRadpS T f32	200.2	
HwTorque HwNm T f32	0	
PrevTbarAng HwDeg M f32	0.01	
TbarVelFiltSv M str.SV Uls f32	3.2145	
TbarVelFiltSv M str.K Uls f32	0.35874	
VehicleSpeed Kph T f32	300.05	
k CmnSysKinRatio MtrDegpHwDeg f32	30.4	
k CmnTbarStiff NmpDeg f32	3.4	
k InrtCmp MtrVel ScaleFactor UIs f32	0.7	
t CmnVehSpd Kph u9p7[0]	6784	
t_CmnVehSpd_Kph_u9p7[1]	6912	
t_CmnVehSpd_Kph_u9p7[2]	7040	
t_CmnVehSpd_Kph_u9p7[3]	7168	
t_CmnVehSpd_Kph_u9p7[4]	7296	
t CmnVehSpd Kph u9p7[5]	7424	
t_CmnVehSpd_Kph_u9p7[6]	7552	
t_CmnVehSpd_Kph_u9p7[7]	7680	
t_CmnVehSpd_Kph_u9p7[8]	7808	
t_CmnVehSpd_Kph_u9p7[9]	7936	
t_CmnVehSpd_Kph_u9p7[10]	8064	
t_CmnVehSpd_Kph_u9p7[11]	8192	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17	

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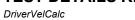
Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	140.161072	140.161078 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0	0 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	0.267630339	0.26763027 ± 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 1.6 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-200.1		
HwTorque_HwNm_T_f32	-5.5		
PrevTbarAng_HwDeg_M_f32	-1.221		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623		
TbarVelFiltSv_M_str.K_Uls_f32	0.47856		
VehicleSpeed_Kph_T_f32	400.06		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	40.5		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-119.829559	-119.8295518 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.22222221	-1.222222222 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.08650517	2.086512379 ± 0.00390625	<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 1.7 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	300.03	
HwTorque_HwNm_T_f32	5.2	
PrevTbarAng_HwDeg_M_f32	0.92987	
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745	
TbarVelFiltSv_M_str.K_Uls_f32	0.58963	
VehicleSpeed_Kph_T_f32	123.07	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	50.6	
k_CmnTbarStiff_NmpDeg_f32	5.6	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5	





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	150.29483	150.2948274 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.928571403	0.928571429 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	2.02786994	2.027880229 ± 0.00390625	~

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

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-1118		
HwTorque_HwNm_T_f32	1.6		
PrevTbarAng_HwDeg_M_f32	0.2461		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369		
TbarVelFiltSv_M_str.K_Uls_f32	0.63214		
VehicleSpeed_Kph_T_f32	150.08		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	60.8		
k_CmnTbarStiff_NmpDeg_f32	6.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-447.362946	-447.3629225 ± 0.0009	<b>✓</b>

DriverVelCalc



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

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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	1118		
HwTorque HwNm T f32	-1.2		
PrevTbarAng HwDeg M f32	-0.15321		
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124		
TbarVelFiltSv_M_str.K_Uls_f32	0.014785		
VehicleSpeed_Kph_T_f32	16.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	70.1		
k_CmnTbarStiff_NmpDeg_f32	7.8		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	335.105377	335.1053608 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	-0.15384616	-0.153846154 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-3.08251452	-3.082514427 ± 0.00390625	

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

Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	0	
HwTorque_HwNm_T_f32	2.2	
PrevTbarAng_HwDeg_M_f32	0.27	
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511	
TbarVelFiltSv_M_str.K_Uls_f32	0.025896	
VehicleSpeed_Kph_T_f32	58.63	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	80.2	
k_CmnTbarStiff_NmpDeg_f32	8.1	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2	
t_CmnVehSpd_Kph_u9p7[0]	10368	
t_CmnVehSpd_Kph_u9p7[1]	10496	
t_CmnVehSpd_Kph_u9p7[2]	10624	
t_CmnVehSpd_Kph_u9p7[3]	10752	

DriverVelCalc





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t CmnVehSpd Kph u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t CmnVehSpd Kph u9p7[7]	11264		
t CmnVehSpd Kph u9p7[8]	11392		
	11520		
t_CmnVehSpd_Kph_u9p7[9]	11648		
t_CmnVehSpd_Kph_u9p7[10]	11776		
t_CmnVehSpd_Kph_u9p7[11]			
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-1.15806818	-1.15806835 ± 0.000009	~
PrevTbarAng_HwDeg_M_f32	0.271604925	0.271604938 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-4.41246414	-4.412463974 ± 0.00390625	~

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

Test Step 1.11 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel MtrRadpS T f32	-450		
HwTorque HwNm T f32	-2.7		
PrevTbarAng HwDeg M f32	-0.292		
TbarVelFiltSv M str.SV Uls f32	-5.7412		
TbarVelFiltSv M str.K Uls f32	0.03698		
VehicleSpeed Kph T f32	22.51		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	90.5		
k CmnTbarStiff NmpDeg f32	9.2		
k InrtCmp MtrVel ScaleFactor Uls f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t CmnVehSpd Kph u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-47.2626114	-47.26260964 ± 0.00009	-
PrevTbarAng HwDeg M f32	-0.29347828	-0.293478261 ± 0.00390625	-
TbarVelFiltSv_M_str.SV_Uls_f32	-5.55622387	-5.556223467 ± 0.00390625	-





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

Name	Input Value		
CRFMotorVel MtrRadpS T f32	400		
HwTorque HwNm T f32	3.6		
PrevTbarAng HwDeg M f32	2.39		
TbarVelFiltSv M str.SV Uls f32	1.2587		
TbarVelFiltSv_M_str.K_Uls_f32	0.02547		
VehicleSpeed_Kph_T_f32	33.25		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	11.2		
k_CmnTbarStiff_NmpDeg_f32	1.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	360.101318	360.1013205 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	2.3999986	2.4 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	1.35398781	1.353990911 ± 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 1.13 (Repeat Count = 1)		V
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-300.12	
HwTorque_HwNm_T_f32	-3.1	
PrevTbarAng_HwDeg_M_f32	-1.239	
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697	
TbarVelFiltSv_M_str.K_Uls_f32	0.02145	
VehicleSpeed_Kph_T_f32	0	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	22.3	
k_CmnTbarStiff_NmpDeg_f32	2.5	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	

DriverVelCalc

TbarVelFiltSv\_M\_str.SV\_Uls\_f32

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2.308144935 ± 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]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-239.688934	-239.6889354 ± 0.0009	<b>✓</b>
PrevTharAng HwDeg M f32	-1 2400001	-1 24 + 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	~

2.30814433

Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	699.23		
HwTorque_HwNm_T_f32	4.2		
PrevTbarAng_HwDeg_M_f32	1.191		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.03692		
VehicleSpeed_Kph_T_f32	511.9921875		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	33.5		
k_CmnTbarStiff_NmpDeg_f32	3.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.99		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	693.519104	693.5191138 ± 0.0009	
PrevTbarAng HwDeg M f32	1.19999993	1.2 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	3.26195955	3.26196066 ± 0.00390625	•

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



Test Step 1.15 (Repeat Count = 1)			~
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-500.45		
HwTorque_HwNm_T_f32	-4.5		
PrevTbarAng_HwDeg_M_f32	-0.997		
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623		
TbarVelFiltSv_M_str.K_Uls_f32	0.01258		
VehicleSpeed_Kph_T_f32	55.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	44.4		
k_CmnTbarStiff_NmpDeg_f32	4.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-297.880035	-297.8800114 ± 0.0009	_
PrevTbarAng HwDeg M f32	-1	-1 ± 0.00390625	<b>✓</b>
TbarVelFiltSv M str.SV Uls f32	4.4860363	4.486036266 ± 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	600.63
HwTorque_HwNm_T_f32	-10
PrevTbarAng_HwDeg_M_f32	-20
TbarVelFiltSv_M_str.SV_Uls_f32	5.8745
TbarVelFiltSv_M_str.K_Uls_f32	0.03257
VehicleSpeed_Kph_T_f32	17.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	55.6
k_CmnTbarStiff_NmpDeg_f32	0.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	109
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	110

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DriverVelCalc

Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	113		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	114		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	115		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	116		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	117		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	305.571442	305.5714494 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-20	-20 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	5.68316746	5.683167535 ± 0.00390625	<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 1.17 (Repeat Count = 1)			•
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-600.84		
HwTorque_HwNm_T_f32	10		
PrevTbarAng_HwDeg_M_f32	20		
TbarVelFiltSv_M_str.SV_UIs_f32	-2.369		
TbarVelFiltSv_M_str.K_Uls_f32	0.096321		
VehicleSpeed_Kph_T_f32	27.95		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	66.5		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	1		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	3		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	4		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	5		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	15		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-240.374832	-240.3748238 ± 0.0009	
PrevTbarAng_HwDeg_M_f32	20	20 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-2.1408155	-2.140815551 ± 0.00390625	

TbarVelFiltSv_M_str.SV_Uls_f32		-2.1408155	-2.140815551 ± 0.00390625		~
Test Step Call Trace					<b>✓</b>
Actual Function	Count	Expected Function		Count	Result

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 1.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	150.14

IntplVarXY\_u16\_u16Xu16Y\_Cnt

DriverVelCalc

DriverVelCalc()

PrevTbarAng\_HwDeg\_M\_f32 TbarVelFiltSv\_M\_str.SV\_Uls\_f32 2014-09-19, 16:51:17+0530



Name	Input Value		
HwTorque HwNm T f32	0.05		
PrevTbarAng HwDeg M f32	0.03		
TbarVelFiltSv M str.SV Uls f32	-3.124		
	0.047852		
TbarVelFiltSv_M_str.K_Uls_f32	37.02		
VehicleSpeed_Kph_T_f32	77.2		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	10		
k_CmnTbarStiff_NmpDeg_f32	0.3		
k_InrtCmp_MtrVel_ScaleFactor_UIs_f32	1.1		
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

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

44.9518433

0.00499999989

-2.85488033

44.95184416 ± 0.00009

-2.854880352 ± 0.00390625

0.005 ± 0.00390625

Test Step 1.19 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-150.62
HwTorque_HwNm_T_f32	-7.5
PrevTbarAng_HwDeg_M_f32	-0.889
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511
TbarVelFiltSv_M_str.K_Uls_f32	0.2356
VehicleSpeed_Kph_T_f32	11.03
k_CmnSysKinRatio_MtrDegpHwDeg_f32	88.2
k_CmnTbarStiff_NmpDeg_f32	8.5
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t_CmnVehSpd_Kph_u9p7[0]	15488
t_CmnVehSpd_Kph_u9p7[1]	15616
t_CmnVehSpd_Kph_u9p7[2]	15744
t_CmnVehSpd_Kph_u9p7[3]	15872
t_CmnVehSpd_Kph_u9p7[4]	16000
t_CmnVehSpd_Kph_u9p7[5]	16128
t_CmnVehSpd_Kph_u9p7[6]	16256
t_CmnVehSpd_Kph_u9p7[7]	16384
t_CmnVehSpd_Kph_u9p7[8]	16512
t_CmnVehSpd_Kph_u9p7[9]	16640
t_CmnVehSpd_Kph_u9p7[10]	16768
t_CmnVehSpd_Kph_u9p7[11]	16896
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	5
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	6
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	8
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	12

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	19		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-30.2861042	-30.28610622 ± 0.00009	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.882352948	-0.882352941 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	-2.69583821	-2.695837311 ± 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 1.20 (Repeat Count = 1)			~
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	250.24		
HwTorque_HwNm_T_f32	8.2		
PrevTbarAng_HwDeg_M_f32	0.861		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412		
TbarVelFiltSv_M_str.K_Uls_f32	0.3479		
VehicleSpeed_Kph_T_f32	33.04		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	99.3		
k_CmnTbarStiff_NmpDeg_f32	9.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	6		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	20		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	24.7503471	24.7503467 ± 0.00009	
PrevTbarAng HwDeg M f32	0.863157868	0.863157895 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-3.36847568	-3.368470731 ± 0.00390625	-

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

Test Step 1.21 (Repeat Count = 1)		V
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-250.62	
HwTorque_HwNm_T_f32	-8.5	
PrevTbarAng_HwDeg_M_f32	-16.997	
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587	
TbarVelFiltSv_M_str.K_Uls_f32	0.2244	

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Name	Input Value		
VehicleSpeed_Kph_T_f32	44.05		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2		
k_CmnTbarStiff_NmpDeg_f32	0.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	8		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	9		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	22		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-225.52951	-225.5295319 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-17	-17 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0.639618635	0.63964772 ± 0.00390625	~

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

Test Step 1.22 (Repeat Count = 1)	▼ · · · · · · · · · · · · · · · · · · ·
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	350.14
HwTorque_HwNm_T_f32	9.2
PrevTbarAng_HwDeg_M_f32	0.919
TbarVelFiltSv_M_str.SV_Uls_f32	2.3697
TbarVelFiltSv_M_str.K_Uls_f32	0.3366
VehicleSpeed_Kph_T_f32	376.06
k_CmnSysKinRatio_MtrDegpHwDeg_f32	26.8
k_CmnTbarStiff_NmpDeg_f32	10
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	1
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	9
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	10
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	12
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	13
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	14
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	15
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	17
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	18
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	19
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	20

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	23		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	350.286285	350.2862746 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.91999957	0.92 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.74034667	1.74035898 ± 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 1.23 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-350.36		
HwTorque_HwNm_T_f32	-9.21		
PrevTbarAng_HwDeg_M_f32	-1.841		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001		
VehicleSpeed_Kph_T_f32	265.02		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	53.5		
k_CmnTbarStiff_NmpDeg_f32	5.25		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-244.585281	-244.585297	~
PrevTbarAng_HwDeg_M_f32	-1.75428569	-1.75428571428571 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	3.80800867	3.80800891	<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 1.24 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	450.52	
HwTorque_HwNm_T_f32	1.5	
PrevTbarAng_HwDeg_M_f32	1.154	
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623	
TbarVelFiltSv_M_str.K_Uls_f32	0.5599	
VehicleSpeed_Kph_T_f32	187.06	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	1	
k_CmnTbarStiff_NmpDeg_f32	1.3	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6	

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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_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	270.322723	270.3227163 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	1.15384614	1.153846154 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	1.96478438	1.964798999 ± 0.00390625	

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

DriverVelCalc



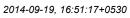
Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	-0.555555522	-0.55555556 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	4.84894514	4.848943456 ± 0.00390625	~

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 1.26 (Repeat Count = 1) Name	Input Value		
	· ·		
CRFMotorVel_MtrRadpS_T_f32	-689.69		
HwTorque_HwNm_T_f32	2.5		
PrevTbarAng_HwDeg_M_f32	0.805		
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369		
TbarVelFiltSv_M_str.K_Uls_f32	0.2365		
VehicleSpeed_Kph_T_f32	2.06		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	25.45		
k_CmnTbarStiff_NmpDeg_f32	3.1		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.89		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-614.096802	-614.096787907239 ± 0.0009	rtoour
PrevTbarAng HwDeg M f32	0.806451619	0.806451613 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-1.6370784	-1.637078274 ± 0.00390625	

Test Step Call Trace				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	-111.41	
HwTorque_HwNm_T_f32	-2.5	
PrevTbarAng_HwDeg_M_f32	-0.518	
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124	
TbarVelFiltSv_M_str.K_Uls_f32	0.35874	
VehicleSpeed_Kph_T_f32	267.07	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.5	
k_CmnTbarStiff_NmpDeg_f32	4.8	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3	
t_CmnVehSpd_Kph_u9p7[0]	0	
t_CmnVehSpd_Kph_u9p7[1]	0	
t_CmnVehSpd_Kph_u9p7[2]	0	
t_CmnVehSpd_Kph_u9p7[3]	0	





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-35.2845802	-35.2845812 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-0.520833313	-0.520833333 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-2.51150656	-2.51151124 ± 0.00390625	_

Test Step Call Trace				<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	222.62		
HwTorque HwNm T f32	3.5		
PrevTbarAng_HwDeg_M_f32	0.671		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511		
TbarVelFiltSv_M_str.K_Uls_f32	0.47856		
VehicleSpeed_Kph_T_f32	510.03		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	46.2		
k_CmnTbarStiff_NmpDeg_f32	5.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2		
t_CmnVehSpd_Kph_u9p7[0]	32640		
t_CmnVehSpd_Kph_u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	72		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	73		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	74		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	76		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	77		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	78		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	80		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	81		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	82		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	83		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	85		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	86		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	43.5075684	43.50756976 ± 0.00009	-
PrevTbarAng_HwDeg_M_f32	0.673076928	0.673076923 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-1.87615919	-1.87615943 ± 0.00390625	-

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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	-222.15		
HwTorque HwNm T f32	-3.5		
PrevTbarAng HwDeg M f32	-0.5134		
TbarVelFiltSv M str.SV Uls f32	-5.7412		
TbarVelFiltSv M str.K Uls f32	0.58963		
VehicleSpeed Kph T f32	467.08		
k CmnSysKinRatio MtrDegpHwDeg f32	28.1		
k CmnTbarStiff NmpDeg f32	6.8		
k InrtCmp MtrVel ScaleFactor Uls f32	0.1		
t CmnVehSpd Kph u9p7[0]	2560		
t CmnVehSpd Kph u9p7[1]	3840		
t CmnVehSpd Kph u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t CmnVehSpd Kph u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-23.2337227	-23.23372292 ± 0.00009	•
PrevTbarAng_HwDeg_M_f32	-0.514705896	-0.514705882 ± 0.00390625	
TbarVelFiltSv_M_str.SV_Uls_f32	-2.74100852	-2.74100995 ± 0.00390625	

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

Test Step 1.30 (Repeat Count = 1)		•
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	333.17	
HwTorque_HwNm_T_f32	4.5	
PrevTbarAng_HwDeg_M_f32	0.614	
TbarVelFiltSv_M_str.SV_Uls_f32	1.2587	
TbarVelFiltSv_M_str.K_Uls_f32	0.63214	
VehicleSpeed_Kph_T_f32	166.92	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.6	
k_CmnTbarStiff_NmpDeg_f32	7.3	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	

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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	0		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	133.268005	133.268 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.616438329	0.616438356 ± 0.00390625	✓
TbarVelFiltSv_M_str.SV_Uls_f32	1.23370099	1.233716615 ± 0.00390625	~

Test Step Call Trace				<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	-333.62		
HwTorque HwNm T f32	-4.5		
PrevTbarAng HwDeg M f32	-0.917		
TbarVelFiltSv M str.SV Uls f32	2.3697		
TbarVelFiltSv_M_str.K_Uls_f32	0.014785		
VehicleSpeed Kph T f32	10.05		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	36.8		
k_CmnTbarStiff_NmpDeg_f32	4.9		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.6		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	128		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	128		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-198.679001	-198.6789815 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.918367326	-0.918367347 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	2.32455587	2.324555873 ± 0.00390625	

TbarVelFiltSv_M_str.SV_Uls_f32	2.32455587	2.324555873 ± 0.00390625	<b>✓</b>
PrevTbarAng_HwDeg_M_f32	-0.918367326	-0.918367347 ± 0.00390625	~
DriverveiCaic()	-198.679001	-198.6789815 ± 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	~



Test Step 1.32 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	444.52		
HwTorque HwNm T f32	5.5		
PrevTbarAng HwDeg M f32	1.056		
TbarVelFiltSv_M_str.SV_Uls_f32	3.2145		
TbarVelFiltSv_M_str.K_Uls_f32	0.1258		
VehicleSpeed_Kph_T_f32	377.06		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	85.5		
k_CmnTbarStiff_NmpDeg_f32	5.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	68		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	72		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	402.516144	402.5161456 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	1.05769229	1.057692308 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	2.91656113	2.916562054 ± 0.00390625	

Test Step Call Trace				<b>✓</b>
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	-699.63
HwTorque_HwNm_T_f32	-5.5
PrevTbarAng_HwDeg_M_f32	-0.89
TbarVelFiltSv_M_str.SV_Uls_f32	4.5623
TbarVelFiltSv_M_str.K_Uls_f32	0.2365
VehicleSpeed_Kph_T_f32	38.17
k_CmnSysKinRatio_MtrDegpHwDeg_f32	29.2
k_CmnTbarStiff_NmpDeg_f32	6.1
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
t_CmnVehSpd_Kph_u9p7[9]	1280
t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	86
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	87

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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	88		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	89		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	91		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	92		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	93		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	94		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	95		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	96		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	97		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	0.81372714	0.813727562 ± 0.0000009	~
PrevTbarAng_HwDeg_M_f32	-0.901639342	-0.901639344 ± 0.00390625	~
TbarVelFiltSv M str.SV Uls f32	2.10696244	2.106963591 ± 0.00390625	_

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

Test Step 1.34 (Repeat Count = 1)			•
Name	Input Value		
CRFMotorVel MtrRadpS T f32	555.74		
HwTorque HwNm T f32	6.5		
PrevTbarAng HwDeg M f32	0.83		
TbarVelFiltSv M str.SV Uls f32	5.8745		
TbarVelFiltSv_M_str.K_Uls_f32	0.35874		
VehicleSpeed Kph T f32	1.18		
k CmnSysKinRatio MtrDegpHwDeg f32	56.5		
k CmnTbarStiff NmpDeg f32	7.8		
k InrtCmp MtrVel ScaleFactor Uls f32	1		
t CmnVehSpd Kph u9p7[0]	2560		
t CmnVehSpd Kph u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t CmnVehSpd Kph u9p7[5]	8960		
t CmnVehSpd Kph u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t CmnVehSpd Kph u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t CmnVehSpd Kph u9p7[10]	15360		
t CmnVehSpd Kph u9p7[11]	16640		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[0]	109		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[1]	110		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	111		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[3]	113		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[4]	114		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[5]	115		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[6]	116		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[7]	117		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	118		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	119		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[10]	121		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	122		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	559.405396	559.4054289 ± 0.0009	Resul
PrevTbarAng HwDeg M f32	0.833333313	0.833333333± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	4.36498117	4.36498187 ± 0.00390625	

DriverVelCalc()	559.405396	559.4054289 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.833333313	0.833333333 ± 0.00390625	<b>~</b>
TbarVelFiltSv_M_str.SV_Uls_f32	4.36498117	4.36498187 ± 0.00390625	•
<del></del>			Ž

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

Test Step 1.35 (Repeat Count = 1)	✓
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-555.81

DriverVelCalc



Name	Input Value
HwTorque_HwNm_T_f32	-6.5
PrevTbarAng_HwDeg_M_f32	-0.78
TbarVelFiltSv_M_str.SV_Uls_f32	-2.369
TbarVelFiltSv_M_str.K_Uls_f32	0.47856
VehicleSpeed_Kph_T_f32	276.19
k_CmnSysKinRatio_MtrDegpHwDeg_f32	12.3
k_CmnTbarStiff_NmpDeg_f32	8.3
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35
t_InrtCmp_TBarVel_ScaleFactorTbIY_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_ScaleFactorTbIY_Uls_u9p7[7]	41
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43

t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-278.061462	-278.0614576 ± 0.0009	<b>✓</b>
PrevTbarAng HwDeg M f32	-0.783132493	-0.78313253 ± 0.00390625	<b>✓</b>
FlevibalAlig_Hwbeg_in_i32	-0.763132493	-0.76313233 ± 0.00390023	•

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

Test Step 1.36 (Repeat Count = 1)		
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	666.86	
HwTorque_HwNm_T_f32	7.5	
PrevTbarAng_HwDeg_M_f32	0.799	
TbarVelFiltSv_M_str.SV_Uls_f32	-3.124	
TbarVelFiltSv_M_str.K_Uls_f32	0.001255848	
VehicleSpeed_Kph_T_f32	354.2	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	64.4	
k_CmnTbarStiff_NmpDeg_f32	9.3	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.5	
t_CmnVehSpd_Kph_u9p7[0]	15488	
t_CmnVehSpd_Kph_u9p7[1]	15616	
t_CmnVehSpd_Kph_u9p7[2]	15744	
t_CmnVehSpd_Kph_u9p7[3]	15872	
t_CmnVehSpd_Kph_u9p7[4]	16000	
t_CmnVehSpd_Kph_u9p7[5]	16128	
t_CmnVehSpd_Kph_u9p7[6]	16256	
t_CmnVehSpd_Kph_u9p7[7]	16384	
t_CmnVehSpd_Kph_u9p7[8]	16512	
t_CmnVehSpd_Kph_u9p7[9]	16640	
t_CmnVehSpd_Kph_u9p7[10]	16768	
t_CmnVehSpd_Kph_u9p7[11]	16896	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52	
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53	

DriverVelCalc



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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	331.76123	331.7612295 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	0.806451619	0.806451613 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-3.11539769	-3.115397684 ± 0.00390625	~

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

Test Step 1.37 (Repeat Count = 1)	Inner 4 Walter		
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	-666.71		
HwTorque_HwNm_T_f32	-7.5		
PrevTbarAng_HwDeg_M_f32	-6.249		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.5511		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390457		
VehicleSpeed_Kph_T_f32	254.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	27.2		
k_CmnTbarStiff_NmpDeg_f32	1.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.4		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	59		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	62		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	63		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	64		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	66		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	67		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[8]	68		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[9]	69		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	71		
t InrtCmp TBarVel ScaleFactorTblY Uls u9p7[11]	72		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-267.125366	-267.1254046 ± 0.0009	rtooui
PrevTbarAng HwDeg M f32	-6.24999952	-6.25 ± 0.00390625	
TbarVelFiltSv M str.SV Uls f32	-1.6527853	-1.65298172 ± 0.00390625	

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

Test Step 1.38 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	134.52	
HwTorque_HwNm_T_f32	8.5	
PrevTbarAng_HwDeg_M_f32	3.86	
TbarVelFiltSv_M_str.SV_Uls_f32	-5.7412	
TbarVelFiltSv_M_str.K_Uls_f32	0.58746	

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DriverVelCalc

Name	Input Value		
VehicleSpeed_Kph_T_f32	154.63		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	75.1		
k_CmnTbarStiff_NmpDeg_f32	2.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.3		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	39.8233643	39.8233612 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	3.86363626	3.863636364 ± 0.00390625	•
TbarVelFiltSv_M_str.SV_Uls_f32	-1.30036688	-1.300365557 ± 0.00390625	~

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

Test Step 1.39 (Repeat Count = 1)	<b>▼</b>
Name	Input Value
CRFMotorVel_MtrRadpS_T_f32	-463.91
HwTorque_HwNm_T_f32	-8.5
PrevTbarAng_HwDeg_M_f32	-2.35
TbarVelFiltSv_M_str.SV_Uls_f32	-6.6667
TbarVelFiltSv_M_str.K_Uls_f32	0.35874
VehicleSpeed_Kph_T_f32	55.24
k_CmnSysKinRatio_MtrDegpHwDeg_f32	20.6
k_CmnTbarStiff_NmpDeg_f32	3.6
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.2
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44



Driver\	/elCalc
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Name	Input Value		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-93.6095047	-93.60949919 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	-2.36111116	-2.361111111 ± 0.00390625	<b>✓</b>
TbarVelFiltSv M str.SV Uls f32	-6.26811457	-6.268088042 ± 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 1.40 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	263.42		
HwTorque_HwNm_T_f32	9.5		
PrevTbarAng_HwDeg_M_f32	2.25		
TbarVelFiltSv_M_str.SV_Uls_f32	6.6667		
TbarVelFiltSv_M_str.K_Uls_f32	0.2874		
VehicleSpeed_Kph_T_f32	444.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	21.7		
k_CmnTbarStiff_NmpDeg_f32	4.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.1		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	47		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	48		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	49		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	52		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	53		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	54		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	56		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	57		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	58		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	60		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	61		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	27.5082359	27.50822923 ± 0.00009	~
PrevTbarAng_HwDeg_M_f32	2.26190495	2.261904762 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.SV_Uls_f32	6.46143246	6.461404706 ± 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 1.41 (Repeat Count = 1)		✓
Name	Input Value	
CRFMotorVel_MtrRadpS_T_f32	-522.63	
HwTorque_HwNm_T_f32	-9.5	
PrevTbarAng_HwDeg_M_f32	-1.819	
TbarVelFiltSv_M_str.SV_Uls_f32	0	
TbarVelFiltSv_M_str.K_Uls_f32	0.025479	
VehicleSpeed_Kph_T_f32	333.62	
k_CmnSysKinRatio_MtrDegpHwDeg_f32	45.8	
k_CmnTbarStiff_NmpDeg_f32	5.2	
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.9	





Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	10		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	12		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	13		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	14		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	15		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	17		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	18		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	19		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	20		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	22		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	23		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	24		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	-470.382141	-470.3821283 ± 0.0009	~
PrevTbarAng_HwDeg_M_f32	-1.82692313	-1.826923077 ± 0.00390625	~
TbarVelFiltSv_M_str.SV_Uls_f32	-0.100936659	-0.100936038 ± 0.00390625	~

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

Test Step 1.42 (Repeat Count = 1)			✓
Name	Input Value		
CRFMotorVel_MtrRadpS_T_f32	357.25		
HwTorque_HwNm_T_f32	1.563		
PrevTbarAng_HwDeg_M_f32	0.251		
TbarVelFiltSv_M_str.SV_Uls_f32	5.6987		
TbarVelFiltSv_M_str.K_Uls_f32	0.03698		
VehicleSpeed_Kph_T_f32	222.42		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	76.9		
k_CmnTbarStiff_NmpDeg_f32	6.2		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.8		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11]	8192		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	24		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	27		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	29		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	30		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	31		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	37		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	40		
Name	Actual Value	Expected Value	Result
DriverVelCalc()	288.110321	288.1102911 ± 0.0009	<b>~</b>





Name	Actual Value	Expected Value	Result
PrevTbarAng_HwDeg_M_f32	0.252096772	0.252096774 ± 0.00390625	~
TbarVelFiltSv M str.SV Uls f32	5.50824165	5.508241429 ± 0.00390625	<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	-464.25		
HwTorque HwNm T f32	-2.645		
PrevTbarAng HwDeg M f32	-0.3525		
TbarVelFiltSv_M_str.SV_Uls_f32	-5.1423		
TbarVelFiltSv_M_str.K_Uls_f32	0.024588		
VehicleSpeed_Kph_T_f32	111.52		
k_CmnSysKinRatio_MtrDegpHwDeg_f32	42.5		
k_CmnTbarStiff_NmpDeg_f32	7.5		
k_InrtCmp_MtrVel_ScaleFactor_Uls_f32	0.7		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[0]	33		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[1]	34		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[2]	35		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[3]	36		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[4]	38		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[5]	39		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[6]	40		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[7]	41		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[8]	43		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[9]	44		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[10]	45		
t_InrtCmp_TBarVel_ScaleFactorTblY_Uls_u9p7[11]	47		
Name	Actual Value	Expected Value	Resul
DriverVelCalc()	-326.341705	-326.3417122 ± 0.0009	•
PrevTbarAng_HwDeg_M_f32	-0.352666676	-0.352666667 ± 0.00390625	•
TbarVelFiltSv M str.SV Uls f32	-5.01791048	-5.017910128 ± 0.00390625	

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

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ADDCoefCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object ADDCoefCalc

#### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



#### **Module Properties**

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

Comments/Description/	Specification Specific at 100 and 100
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c Code File(s) Version: 13 Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16 Unit Test Plan Version: 6
	Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994 Total RAM Used (Bytes): 60
	Total CALS Used (Bytes): 328 Special Test Requirements: Test Date: 09-19-2014 Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function, difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""GenFddIcCmd"" function, return value and output variable ""Prev1PreAttnComp_MtrNm_M_f32"" are going out of range.And as there is call to this function in ""FrqDepDmpnInrtCmp_Per1"" so here also output variable ""Prev1PreAttnComp_MtrNm_M_f32"" is going out of range.
	Note 7:The range of the parameter "VehicleSpeed_Kph_T_f32" is mentioned in MDD as 0 to 512, but at line number 437, FPM_FloatToFixed_m macro is used for U9P7_T, For All Max vector of parameter ""VehicleSpeed_Kph_T_f32"", the value is going out of range, so its range is considered as "" 0 to 511.9921875"" considering data type u9P7 as per email communication.
	Note 8: Six significant tolerance is used in the functions ""ADDCoefCalc"", ""DecelGain"", ""DriverVelCalc"", ""FilterCoefCalc"", ""GenFddlcCmd"" for the return values and in function ""FrqDepDmpnInrtCmp_Per1" for the variable ""Prev1PreAttnComp_MtrNm_M_f32"".

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

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



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

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

CPU Cycles:

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

#### Description

**Test Vector Description** 

```
TS1 1 All min
TS1.2 All max
```

TS1.3 BaseAssistCmd\_MtrNm\_T\_f32 min TS1.4 BaseAssistCmd\_MtrNm\_T\_f32 max TS1.5 BaseAssistCmd\_MtrNm\_T\_f32 zero TS1.6 BaseAssistCmd\_MtrNm\_T\_f32 pos TS1.6 BaseAssistCmd\_MtrNm\_I\_T32 pos
TS1.7 BaseAssistCmd\_MtrNm\_T\_f32 neg
TS1.8 WIRCmdAmpBInd\_MtrNm\_T\_f32 min
TS1.9 WIRCmdAmpBInd\_MtrNm\_T\_f32 max
TS1.10 WIRCmdAmpBInd\_MtrNm\_T\_f32 pos
TS1.11 VehicleSpeed1\_Kph\_T\_f32 min
TS1.12 VehicleSpeed1\_Kph\_T\_f32 max
TS1.13 VehicleSpeed1\_Kph\_T\_f32 pos
TS1.14 t\_DmpADDCoefX\_MtrNm\_u4p12[10] min
TS1.15 t\_DmpADDCoefX\_MtrNm\_u4p12[10] min
TS1.16 t\_DmpADDCoefX\_MtrNm\_u4p12[10] max

TS1.15 t\_DmpADDCoefX\_MtrNm\_u4p12[10] max
TS1.16 t\_DmpADDCoefX\_MtrNm\_u4p12[10] pos
TS1.17 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] min
TS1.18 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] max
TS1.19 t2\_FDD\_ADDRollingTblYM1\_MtrNmpRadpS\_um1p17[10] pos
TS1.20 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] min
TS1.21 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] max
TS1.22 t2\_FDD\_ADDRollingTblYM2\_MtrNmpRadpS\_um1p17[10] mos
TS1.23 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] min
TS1.24 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] max
TS1.25 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[10] pos
TS1.26 t\_WIRBINGTblY\_MtrNmpRadpS\_um1p17[10] pos

TS1.26 TS1.27

L PUD\_ADDState 101 "ullnilipadaps\_t t\_WIRBIndTbIX\_MtrNm\_u8p8[5] min t\_WIRBIndTbIX\_MtrNm\_u8p8[5] max t\_WIRBIndTbIX\_MtrNm\_u8p8[5] pos t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] min t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] max t\_RIAstWIRBIndTbIY\_UIs\_u2p14[5] pos TS1.28 TS1.29 TS1.30

TS1.31

TS1.32 TS1 33

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

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

ADDCoefCalc

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Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7]$ 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][8]$ 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][1] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 0  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3]$ n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 0  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][5]$ n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 0 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][7] n t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 0  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9]$ n t\_CmnVehSpd\_Kph\_u9p7[0] 0 t\_CmnVehSpd\_Kph\_u9p7[1] 0 t\_CmnVehSpd\_Kph\_u9p7[2] 0 0 t CmnVehSpd Kph u9p7[3]  $t\_CmnVehSpd\_Kph\_u9p7[4]$ 0 0 t CmnVehSpd Kph u9p7[5]  $t\_CmnVehSpd\_Kph\_u9p7[6]$ 0 t\_CmnVehSpd\_Kph\_u9p7[7] 0 t\_CmnVehSpd\_Kph\_u9p7[8] 0 t\_CmnVehSpd\_Kph\_u9p7[9] 0 0 t\_CmnVehSpd\_Kph\_u9p7[10] t\_CmnVehSpd\_Kph\_u9p7[11] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[1] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[2] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[3] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[4] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[5] n t DmpADDCoefX MtrNm u4p12[6] 0 t\_DmpADDCoefX\_MtrNm\_u4p12[7] 0 0 t\_DmpADDCoefX\_MtrNm\_u4p12[8] t DmpADDCoefX MtrNm u4p12[9] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[1] 0 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 0 t FDD ADDStaticTblY MtrNmpRadpS um1p17[3] 0 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[4] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[8] 0 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[9] 0 0  $t\_FDD\_BlendTblY\_Uls\_u8p8[0]$ 0 t\_FDD\_BlendTblY\_Uls\_u8p8[1] t\_FDD\_BlendTblY\_Uls\_u8p8[2] n t\_FDD\_BlendTblY\_Uls\_u8p8[3] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[10] 0 t\_FDD\_BlendTblY\_Uls\_u8p8[11] 0 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0] 0  $t\_RIAstWIRBIndTbIY\_UIs\_u2p14[1]$ 0 t\_RIAstWIRBIndTblY\_Uls\_u2p14[2] 0 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3] 0  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[4]$ 0 t\_WIRBIndTbIX\_MtrNm\_u8p8[0] 0  $t\_WIRBIndTbIX\_MtrNm\_u8p8[1]$ 0 t WIRBIndTbIX MtrNm u8p8[2] 0 t\_WIRBIndTbIX\_MtrNm\_u8p8[3] 0 t\_WIRBIndTbIX\_MtrNm\_u8p8[4] 0 **Actual Value Expected Value** Result ADDCoefCalc() 0 ± 0.000009



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

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8.8
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBInd_MtrNm_T_f32 t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	8.8 6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	6554 6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	6554
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	6554
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640
t_CmnVehSpd_Kph_u9p7[3]	32640
t_CmnVehSpd_Kph_u9p7[4]	32640
t_CmnVehSpd_Kph_u9p7[5]	32640
t_CmnVehSpd_Kph_u9p7[6]	32640
t_CmnVehSpd_Kph_u9p7[7]	32640
t_CmnVehSpd_Kph_u9p7[8]	32640
t_CmnVehSpd_Kph_u9p7[9]	32640
t_CmnVehSpd_Kph_u9p7[10]	32640
t_CmnVehSpd_Kph_u9p7[11]	32640 36045
t_DmpADDCoefX_MtrNm_u4p12[0] t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t DmpADDCoefX MtrNm u4p12[4]	36045
t_DmpADDCoefX_MtrNm_u4p12[5]	36045
t_DmpADDCoefX_MtrNm_u4p12[6]	36045
t_DmpADDCoefX_MtrNm_u4p12[7]	36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	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_BlendTbIY_Uls_u8p8[6]	256
t_FDD_BlendTblY_Uls_u8p8[7]	256
t_FDD_BlendTblY_Uls_u8p8[8]	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_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]	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	0.050003052 ± 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 1.3 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-8.8
VehicleSpeed_Kph_T_f32	12.32
WIRCmdAmpBlnd_MtrNm_T_f32	5.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1705
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387
t2_FDD_ADDRollingTbIYM_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

ADDCoefCalc

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

Name

ADDCoefCalc()

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Result

Name	Input Value
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2583
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3099
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3614
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4129
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4644
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5159
t_FDD_BlendTblY_Uls_u8p8[0]	3
t_FDD_BlendTblY_Uls_u8p8[1]	5
t_FDD_BlendTblY_Uls_u8p8[2]	8
t_FDD_BlendTblY_Uls_u8p8[3]	10
t_FDD_BlendTblY_Uls_u8p8[4]	13
t_FDD_BlendTblY_Uls_u8p8[5]	15
t_FDD_BlendTblY_Uls_u8p8[6]	18
t_FDD_BlendTblY_Uls_u8p8[7]	20
t_FDD_BlendTblY_Uls_u8p8[8]	23
t_FDD_BlendTblY_Uls_u8p8[9]	26
t_FDD_BlendTblY_Uls_u8p8[10]	28
t_FDD_BlendTblY_Uls_u8p8[11]	31
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_RIAstWIRBIndTblY_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
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Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	5	IntplVarXY_u16_u16Xu16Y_Cnt	5	-

**Actual Value** 

0.0369348824

**Expected Value** 

0.036934882 ± 0.00000009

384

Test Step 1.4 (Repeat Count = 1)           Name         Input Va           BaseAssistCmd_MtrNm_T_f32         8.8           VehicleSpeed_Kph_T_f32         24           WIRCmdAmpBInd_MtrNm_T_f32         6.5           t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]         342           t2 FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]         683	alue
BaseAssistCmd_MtrNm_T_f32         8.8           VehicleSpeed_Kph_T_f32         24           WIRCmdAmpBInd_MtrNm_T_f32         6.5           t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]         342	alue
VehicleSpeed_Kph_T_f32         24           WIRCmdAmpBInd_MtrNm_T_f32         6.5           t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]         342	
WIRCmdAmpBlnd_MtrNm_T_f32 6.5 t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] 342	
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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6] 2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7] 2728	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][8] 3068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9] 3409	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0] 523	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1] 1038	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2] 1553	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3] 2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4] 2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] 3099	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6] 3614	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7] 4129	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8] 4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9] 5159	
t_CmnVehSpd_Kph_u9p7[0] 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	

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

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

Test Step 1.5 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	0
VehicleSpeed_Kph_T_f32	36.25
WIRCmdAmpBlnd_MtrNm_T_f32	7.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924

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N	Inner Males		
Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034 1144		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4] t2_FDD_ADDRollingTbIYM_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 1692		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1793		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] t FDD BlendTblY Uls u8p8[0]	10		
t_FDD_BlendTblY_Uls_u8p8[1]	13		
t_FDD_BlendTblY_Uls_u8p8[2]	15		
t_FDD_BlendTblY_Uls_u8p8[3]	18		
t FDD BlendTblY Uls u8p8[4]	20		
t_FDD_BlendTblY_Uls_u8p8[5]	23		
t FDD BlendTblY Uls u8p8[6]	26		
t FDD BlendTblY Uls u8p8[7]	28		
t FDD BlendTblY Uls u8p8[8]	31		
t_FDD_BlendTblY_Uls_u8p8[9]	33		
t_FDD_BlendTblY_Uls_u8p8[10]	36		
t FDD BlendTblY Uls u8p8[11]	38		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbiX_MtrNm_u8p8[1]	819		
t_WIRBIndTblX_MtrNm_u8p8[2]	845		
t_WIRBIndTbiX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00668188976	0.00668189 ± 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 1.6 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd MtrNm T f32	5.25
VehicleSpeed_Kph_T_f32	48.12
WIRCmdAmpBInd_MtrNm_T_f32	8.1
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1254 1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591 1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1793
t CmnVehSpd Kph u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t_CmnVehSpd_Kph_u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152 1280
t_CmnVehSpd_Kph_u9p7[9] t_CmnVehSpd_Kph_u9p7[10]	1408
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[2]	17613
t_DmpADDCoefX_MtrNm_u4p12[3]	18022
t_DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t_DmpADDCoefX_MtrNm_u4p12[6]	19251
t_DmpADDCoefX_MtrNm_u4p12[7]	19661 20070
t_DmpADDCoefX_MtrNm_u4p12[8] t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1066
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1212
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1359
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1506
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1653
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1800
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1946
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2093
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	2240
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9] t_FDD_BlendTblY_Uls_u8p8[0]	2387 13
t_FDD_BlendTblY_Uls_u8p8[1]	15
t_FDD_BlendTblY_Uls_u8p8[2]	18
t_FDD_BlendTblY_Uls_u8p8[3]	20
t_FDD_BlendTblY_Uls_u8p8[4]	23
t_FDD_BlendTblY_Uls_u8p8[5]	26
t_FDD_BlendTblY_Uls_u8p8[6]	28
t_FDD_BlendTbIY_Uls_u8p8[7]	31
t_FDD_BlendTbIY_Uls_u8p8[8]	33
t_FDD_BlendTblY_Uls_u8p8[9]	36
t_FDD_BlendTblY_Uls_u8p8[10]	38
t_FDD_BlendTblY_UIs_u8p8[11]	41
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	6554 8192
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	9830
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469
	-





Name	Input Value		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1075		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0174616091	0.017461608 ± 0.00000009	<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 1.7 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-5.45	
VehicleSpeed_Kph_T_f32	60	
WIRCmdAmpBInd_MtrNm_T_f32	5.2	
2_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	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793	
2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
_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	
_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	1246	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	1638	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2030	
_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2422	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	2814	
r_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3206	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3598	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	3990	
t FDD ADDStaticTblY MtrNmpRadpS um1p17[8]	4382	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	4774	





Name         Input Value           t_FDD_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	1.1	
VehicleSpeed_Kph_T_f32	72.35	
WIRCmdAmpBInd_MtrNm_T_f32	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774	
t_CmnVehSpd_Kph_u9p7[0]	12800	
t_CmnVehSpd_Kph_u9p7[1]	12928	
t_CmnVehSpd_Kph_u9p7[2]	13056	
t CmnVehSpd Kph u9p7[3]	13184	
t CmnVehSpd Kph u9p7[4]	13312	
t CmnVehSpd Kph u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t CmnVehSpd Kph u9p7[11]	14208	
t DmpADDCoefX MtrNm u4p12[0]	24986	
t DmpADDCoefX MtrNm u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	

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_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		
Name	Actual Value Exp	pected Value	Result
ADDCoefCalc()	0.0107031446 0.01	10703144 ± 0.00000009	~

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

Test Step 1.9 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.2
VehicleSpeed_Kph_T_f32	84
WIRCmdAmpBInd_MtrNm_T_f32	8.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	3480



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Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
t_DmpADDCoefX_MtrNm_u4p12[1]	28672		
t_DmpADDCoefX_MtrNm_u4p12[2]	29082		
t_DmpADDCoefX_MtrNm_u4p12[3]	29491		
t_DmpADDCoefX_MtrNm_u4p12[4]	29901		
t_DmpADDCoefX_MtrNm_u4p12[5]	30310		
t_DmpADDCoefX_MtrNm_u4p12[6]	30720		
t_DmpADDCoefX_MtrNm_u4p12[7]	31130		
t_DmpADDCoefX_MtrNm_u4p12[8]	31539		
t_DmpADDCoefX_MtrNm_u4p12[9]	31949		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	20		
t_FDD_BlendTblY_Uls_u8p8[1]	23		
t_FDD_BlendTblY_Uls_u8p8[2]	26		
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	9830		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTblX_MtrNm_u8p8[1]	1792		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1869		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0121170254	0.012117026 ± 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 1.10 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.3
VehicleSpeed_Kph_T_f32	96.14
WIRCmdAmpBInd_MtrNm_T_f32	4.25
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

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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_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	4572		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	4995		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5419		
t_CmnVehSpd_Kph_u9p7[0]	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		
	11136		
t_CmnVehSpd_Kph_u9p7[6]			
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_DmpADDCoefX_MtrNm_u4p12[0]	24986		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t_DmpADDCoefX_MtrNm_u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t_DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[4]	3152		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	3834		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[7]	4175		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[9]	4856		
t_FDD_BlendTblY_Uls_u8p8[0]	49		
t FDD BlendTblY Uls u8p8[1]	51		
t_FDD_BlendTblY_Uls_u8p8[2]	54		
t_FDD_BlendTblY_Uls_u8p8[3]	57		
t_FDD_BlendTblY_Uls_u8p8[4]	60		
t_FDD_BlendTblY_Uls_u8p8[5]	63		
t_FDD_BlendTblY_Uls_u8p8[6]	66		
t_FDD_BlendTblY_Uls_u8p8[7]	68		
t_FDD_BlendTblY_Uls_u8p8[8]	71		
t_FDD_BlendTblY_Uls_u8p8[9]	74		
t_FDD_BlendTblY_Uls_u8p8[10]	77		
t_FDD_BlendTblY_Uls_u8p8[11]	80		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	410		
t_WIRBIndTbIX_MtrNm_u8p8[1]	435		
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	435 461		
t_WIRBIndTbIX_MtrNm_u8p8[2]	461		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3] t_WIRBIndTbIX_MtrNm_u8p8[4]	461 486 512	Expected Value	Result
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	461 486	Expected Value 0.013087993 ± 0.0000009	Result



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

ADDCoefCalc

ADDCoefCalc()

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0.004171648 ± 0.000000009

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_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	666		
t_WIRBIndTbIX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTbIX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result

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

0.00417164806

Took Ston 4.42 (Donost Count - 4)	
Test Step 1.12 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.5
VehicleSpeed_Kph_T_f32	511.9921875
WIRCmdAmpBlnd_MtrNm_T_f32	1.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992
t_CmnVehSpd_Kph_u9p7[9]	5120
t_CmnVehSpd_Kph_u9p7[10]	5248
t_CmnVehSpd_Kph_u9p7[11]	5376
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4]	6144
t_DmpADDCoefX_MtrNm_u4p12[5]	6554
t_DmpADDCoefX_MtrNm_u4p12[6]	6963
t DmpADDCoefX MtrNm u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t DmpADDCoefX MtrNm u4p12[9]	8192
t FDD ADDStaticTblY MtrNmpRadpS um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	1024

Name

ADDCoefCalc()

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Result

ADDCoefCalc	2014-03-13, 10.47.2310330	Razorcat
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_Uls_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]	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	

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

**Actual Value** 

0.0185419321

Expected Value

0.018541932 ± 0.00000009

T 101 110 10 10 1	
Test Step 1.13 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.6
VehicleSpeed_Kph_T_f32	100.21
WIRCmdAmpBlnd_MtrNm_T_f32	1.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	4148
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4995
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	5419
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	128
t_CmnVehSpd_Kph_u9p7[1]	256
t_CmnVehSpd_Kph_u9p7[2]	384
t_CmnVehSpd_Kph_u9p7[3]	512
t_CmnVehSpd_Kph_u9p7[4]	640
t_CmnVehSpd_Kph_u9p7[5]	768
t CmnVehSpd Kph u9p7[6]	896
t_CmnVehSpd_Kph_u9p7[7]	1024
t_CmnVehSpd_Kph_u9p7[8]	1152
	1

ADDCoefCalc



ADDCOCICAIC			1010
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_RIAstWIRBIndTbIY_UIs_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]	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
ADDCoefColo()		000704440 + 0 000000000	-4

ADDCoefCalc()		0.00872414559	0.008724146 ± 0.000000009		~
Test Step Call Trace					~
Actual Function	Count	Expected Function		Count	Result
IntolVarXY u16 u16Xu16Y Cnt	5	IntolVarXY u16 u16Xu16Y Cnt		5	

Test Step 1.14 (Repeat Count = 1)	✓
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.7
VehicleSpeed_Kph_T_f32	108
WIRCmdAmpBInd_MtrNm_T_f32	1.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	0		
t_DmpADDCoefX_MtrNm_u4p12[1]	0		
t_DmpADDCoefX_MtrNm_u4p12[2]	0		
t_DmpADDCoefX_MtrNm_u4p12[3]	0		
t_DmpADDCoefX_MtrNm_u4p12[4]	0		
t_DmpADDCoefX_MtrNm_u4p12[5]	0		
t_DmpADDCoefX_MtrNm_u4p12[6]	0		
t_DmpADDCoefX_MtrNm_u4p12[7]	0		
t_DmpADDCoefX_MtrNm_u4p12[8]	0		
t_DmpADDCoefX_MtrNm_u4p12[9]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	924		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	144		
t_FDD_BlendTblY_Uls_u8p8[1]	146		
t_FDD_BlendTblY_Uls_u8p8[2]	149		
t_FDD_BlendTbIY_UIs_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] t FDD_BlendTblY_Uls_u8p8[9]	164 167		
t FDD BlendTblY Uls u8p8[10]	169		
t_FDD_BlendTblY_Uls_u8p8[11]	172		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554		
t RIAstWIRBIndTblY 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		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0254064538	0.025406454 ± 0.00000009	✓
· · · · · · · · · · · · · · · · · · ·	1	1	

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 1.15 (Repeat Count = 1)	🗸
	Input Value
BaseAssistCmd MtrNm T f32	1.8
VehicleSpeed_Kph_T_f32	120.14
WIRCmdAmpBlnd_MtrNm_T_f32	1.5
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][3]	661
	827 994
t2_FDD_ADDROllingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705
	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2387 2728
	3068
	3409
	6784
	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8]	7680 7808
	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	36045
t_DmpADDCoefX_MtrNm_u4p12[1]	36045
t_DmpADDCoefX_MtrNm_u4p12[2]	36045
t_DmpADDCoefX_MtrNm_u4p12[3]	36045
t_DmpADDCoefX_MtrNm_u4p12[4]	36045
	36045
t_DmpADDCoefX_MtrNm_u4p12[6] t DmpADDCoefX MtrNm u4p12[7]	36045 36045
t_DmpADDCoefX_MtrNm_u4p12[8]	36045
t_DmpADDCoefX_MtrNm_u4p12[9]	36045
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591 1692
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793
t_FDD_BlendTblY_Uls_u8p8[0]	172
t_FDD_BlendTblY_Uls_u8p8[1]	174
t_FDD_BlendTblY_Uls_u8p8[2]	176
t_FDD_BlendTblY_Uls_u8p8[3]	178
t_FDD_BlendTblY_Uls_u8p8[4]	180
t_FDD_BlendTblY_Uls_u8p8[5]	183
t_FDD_BlendTblY_Uls_u8p8[6]	185
t_FDD_BlendTblY_Uls_u8p8[7]	187
t_FDD_BlendTblY_Uls_u8p8[8]	189
t_FDD_BlendTblY_Uls_u8p8[9]	191
t_FDD_BlendTblY_Uls_u8p8[10] t_FDD_BlendTblY_Uls_u8p8[11]	193 195
t_RIAstWIRBIndTblY_Uls_u2p14[0]	4915
	6554
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	
	8192





Name	Input Value		
t_RIAstWIRBIndTbIY_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	0.002860071 ± 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 1.16 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	1.9
VehicleSpeed_Kph_T_f32	132
WIRCmdAmpBInd_MtrNm_T_f32	1.6
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	342
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_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

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	l		
Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	218		
t_FDD_BlendTblY_Uls_u8p8[1]	220		
t_FDD_BlendTblY_Uls_u8p8[2]	223		
t_FDD_BlendTblY_Uls_u8p8[3]	225		
t_FDD_BlendTblY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	6554		
t_RIAstWIRBIndTblY_Uls_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00236540218	0.002365402 ± 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 1.17 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	2	
VehicleSpeed_Kph_T_f32	144.25	
WIRCmdAmpBlnd_MtrNm_T_f32	1.7	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	0	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1659	
t_CmnVehSpd_Kph_u9p7[0]	2560	
t_CmnVehSpd_Kph_u9p7[1]	3840	
t_CmnVehSpd_Kph_u9p7[2]	5120	
t_CmnVehSpd_Kph_u9p7[3]	6400	
t_CmnVehSpd_Kph_u9p7[4]	7680	
t_CmnVehSpd_Kph_u9p7[5]	8960	
t_CmnVehSpd_Kph_u9p7[6]	10240	
t_CmnVehSpd_Kph_u9p7[7]	11520	
t_CmnVehSpd_Kph_u9p7[8]	12800	
t_CmnVehSpd_Kph_u9p7[9]	14080	
t_CmnVehSpd_Kph_u9p7[10]	15360	
t_CmnVehSpd_Kph_u9p7[11]	16640	
t_DmpADDCoefX_MtrNm_u4p12[0]	4506	
t_DmpADDCoefX_MtrNm_u4p12[1]	4915	
t_DmpADDCoefX_MtrNm_u4p12[2]	5325	
t_DmpADDCoefX_MtrNm_u4p12[3]	5734	

ADDCoefCalc



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

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

Test Step 1.18 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1
VehicleSpeed_Kph_T_f32	156.12
WIRCmdAmpBlnd_MtrNm_T_f32	1.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	6554
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	6554
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	3409

ADDCoefCalc

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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_ADDStaticTbIY_MtrNmpRadpS_um1p17[0]	683		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[1]	1024		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[2]	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_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	3068		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	3409		
t_FDD_BlendTblY_Uls_u8p8[0]	5		
t_FDD_BlendTblY_Uls_u8p8[1]	8		
t_FDD_BlendTblY_Uls_u8p8[2]	10		
t_FDD_BlendTblY_Uls_u8p8[3]	13		
t_FDD_BlendTblY_Uls_u8p8[4]	15		
t_FDD_BlendTblY_Uls_u8p8[5]	18		
t FDD BlendTblY Uls u8p8[6]	20		
t_FDD_BlendTblY_Uls_u8p8[7]	23		
t FDD BlendTblY Uls u8p8[8]	26		
t_FDD_BlendTblY_Uls_u8p8[9]	28		
t_FDD_BlendTblY_Uls_u8p8[10]	31		
t_FDD_BlendTblY_Uls_u8p8[11]	33		
t_RiAstWiRBindTbiY_Uis_u2p14[0]	1638		
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277		
t_RiAstWiRBIndTbiY_Uis_u2p14[2]	4915		
t_RiAstWiRBIndTbiY_Uis_u2p14[3]	6554		
t RIAstWIRBIndTblY Uls u2p14[4]	8192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t WIRBIndTbIX MtrNm u8p8[3]	1254		
t_WIRBIndTblX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
ADDCoofCale()	0.00810782230	0.008107823 ± 0.00000000	Result

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

0.00810782239

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	1.9
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112

ADDCoefCalc()

0.008107823 ± 0.000000009



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a_i bb_nbbroimigroi i ii_iiiatiinpraaqbo_aiii ip ii [o][o]	2000
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 18
t_FDD_BlendTblY_Uls_u8p8[3]	
t_FDD_BlendTblY_Uls_u8p8[4]	20
t_FDD_BlendTblY_Uls_u8p8[5]	23
t_FDD_BlendTblY_UIs_u8p8[6]	26 28
t_FDD_BlendTblY_UIs_u8p8[7]	31
t_FDD_BlendTblY_Uls_u8p8[8]	
t_FDD_BlendTblY_UIs_u8p8[9]	33 36
t_FDD_BlendTblY_UIs_u8p8[10]	38
t_FDD_BlendTblY_Uls_u8p8[11]	38 3277
t_RIAstWIRBIndTblY_UIs_u2p14[0]	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	4915
t_RIAstWIRBIndTblY_Uls_u2p14[2]	6554
t_RIAstWIRBIndTblY_UIs_u2p14[3]	8192
t_RIAstWIRBIndTblY_UIs_u2p14[4]	9830
t_WIRBIndTblX_MtrNm_u8p8[0]	1434
t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	1485
L VVIISDIIU LUIA IVIIIVIII UODOLAI	1 PMON

t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00480917655	0.004809176 ± 0.000000009	~

1485

1510

t\_WIRBIndTbIX\_MtrNm\_u8p8[2]

t\_WIRBIndTblX\_MtrNm\_u8p8[3]





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

Test Step 1.20 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3
VehicleSpeed_Kph_T_f32	180.21
WIRCmdAmpBlnd_MtrNm_T_f32	2 161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTbIYM_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_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][1]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	0 0
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	0
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_umTp17[1][7] t2_FDD_ADDRollingTbIYM_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 16794
t_DmpADDCoefX_MtrNm_u4p12[0] 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_ADDStaticTbIY_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 1364
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[6] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[7]	1475
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]  t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585
t_FDD_ADDStaticTbIT_MttNmpRadpS_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

ADDCoefCalc()

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**Expected Value** 

0.00464859 ± 0.000000009

ADDCoefCalc	2011 00 10, 10111120 0000	Razorcat
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_Uls_u2p14[3]	9830	
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469	
t_WIRBIndTbIX_MtrNm_u8p8[0]	1690	
t_WIRBIndTbIX_MtrNm_u8p8[1]	1715	
t_WIRBIndTbIX_MtrNm_u8p8[2]	1741	
t_WIRBIndTbIX_MtrNm_u8p8[3]	1766	
t_WIRBIndTbIX_MtrNm_u8p8[4]	1792	

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

Actual Value

0.00464858953

Test Step 1.21 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
BaseAssistCmd MtrNm T f32	-4	
VehicleSpeed_Kph_T_f32	192	
WIRCmdAmpBlnd MtrNm T f32	2.1	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	683	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][2]	1024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	2387	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][7]	2728	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	6554	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][2]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	6554	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][5]	6554	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	6554	
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][8]	6554	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	6554	
t_CmnVehSpd_Kph_u9p7[0]	5248	
t_CmnVehSpd_Kph_u9p7[1]	5376	
t_CmnVehSpd_Kph_u9p7[2]	5504	
t_CmnVehSpd_Kph_u9p7[3]	5632	
t_CmnVehSpd_Kph_u9p7[4]	5760	
t_CmnVehSpd_Kph_u9p7[5]	5888	
t_CmnVehSpd_Kph_u9p7[6]	6016	
t_CmnVehSpd_Kph_u9p7[7]	6144	
t_CmnVehSpd_Kph_u9p7[8]	6272	
t_CmnVehSpd_Kph_u9p7[9]	6400	
t_CmnVehSpd_Kph_u9p7[10]	6528	
t_CmnVehSpd_Kph_u9p7[11]	6656	
t_DmpADDCoefX_MtrNm_u4p12[0]	20890	
t_DmpADDCoefX_MtrNm_u4p12[1]	21299	
t_DmpADDCoefX_MtrNm_u4p12[2]	21709	
t_DmpADDCoefX_MtrNm_u4p12[3]	22118	
t_DmpADDCoefX_MtrNm_u4p12[4]	22528	
t_DmpADDCoefX_MtrNm_u4p12[5]	22938	
t_DmpADDCoefX_MtrNm_u4p12[6]	23347	
t_DmpADDCoefX_MtrNm_u4p12[7]	23757	
t_DmpADDCoefX_MtrNm_u4p12[8]	24166	
t_DmpADDCoefX_MtrNm_u4p12[9]	24576	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
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ADDCoefCalc



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_RIAstWIRBIndTblY_UIs_u2p14[0]	6554		
t_RIAstWIRBIndTblY_UIs_u2p14[1]	8192		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[3]	11469		
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00929849967	0.0092985 ± 0.000000009	<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 1.22 (Repeat Count = 1)	<b>√</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-5
VehicleSpeed Kph T f32	204
WIRCmdAmpBind_MtrNm_T_f32	2.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1553
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3302
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	4148
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419
t_CmnVehSpd_Kph_u9p7[0]	3968
t_CmnVehSpd_Kph_u9p7[1]	4096
t_CmnVehSpd_Kph_u9p7[2]	4224
t_CmnVehSpd_Kph_u9p7[3]	4352
t_CmnVehSpd_Kph_u9p7[4]	4480
t_CmnVehSpd_Kph_u9p7[5]	4608
t_CmnVehSpd_Kph_u9p7[6]	4736
t_CmnVehSpd_Kph_u9p7[7]	4864
t_CmnVehSpd_Kph_u9p7[8]	4992

ADDCoefCalc



Name	Input Value		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_DmpADDCoefX_MtrNm_u4p12[0]	24986		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t_DmpADDCoefX_MtrNm_u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t_DmpADDCoefX_MtrNm_u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[6]	1160		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1659		
t FDD BlendTblY Uls u8p8[0]	18		
t FDD BlendTblY Uls u8p8[1]	20		
t_FDD_BlendTblY_Uls_u8p8[2]	23		
t_FDD_BlendTblY_Uls_u8p8[3]	26		
t_FDD_BlendTblY_Uls_u8p8[4]	28		
t_FDD_BlendTblY_Uls_u8p8[5]	31		
t_FDD_BlendTblY_Uls_u8p8[6]	33		
t_FDD_BlendTblY_Uls_u8p8[7]	36		
t_FDD_BlendTblY_Uls_u8p8[8]	38		
t FDD BlendTblY Uls u8p8[9]	41		
t_FDD_BlendTblY_Uls_u8p8[10]	44		
t_FDD_BlendTblY_Uls_u8p8[11]	46		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_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]	1178		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1203		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1229		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1254		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1280		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00246831775	0.002468318 ± 0.000000009	710000

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

Test Step 1.23 (Repeat Count = 1)		<b>√</b>
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	-6	
VehicleSpeed_Kph_T_f32	216.25	
WIRCmdAmpBlnd_MtrNm_T_f32	2.3	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1144	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1254	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1364	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1475	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1585	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1695	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1553	

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	3614		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644		
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	5159		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpADDCoefX_MtrNm_u4p12[0]	28262		
t_DmpADDCoefX_MtrNm_u4p12[1]	28672		
t_DmpADDCoefX_MtrNm_u4p12[2]	29082		
t_DmpADDCoefX_MtrNm_u4p12[3]	29491 29901		
t_DmpADDCoefX_MtrNm_u4p12[4]	30310		
t_DmpADDCoefX_MtrNm_u4p12[5] t_DmpADDCoefX_MtrNm_u4p12[6]	30720		
t DmpADDCoefX MtrNm u4p12[7]	31130		
t_DmpADDCoefX_MtrNm_u4p12[8]	31539		
t_DmpADDCoefX_MtrNm_u4p12[9]	31949		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	0		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	0		
t_FDD_BlendTblY_Uls_u8p8[0]	20		
t_FDD_BlendTblY_Uls_u8p8[1]	23		
t_FDD_BlendTblY_Uls_u8p8[2]	26		
t_FDD_BlendTblY_Uls_u8p8[3]	28		
t_FDD_BlendTblY_Uls_u8p8[4]	31		
t_FDD_BlendTblY_Uls_u8p8[5]	33		
t_FDD_BlendTblY_Uls_u8p8[6]	36		
t_FDD_BlendTblY_Uls_u8p8[7]	38		
t_FDD_BlendTblY_Uls_u8p8[8]	41		
t_FDD_BlendTblY_Uls_u8p8[9]	44		
t_FDD_BlendTblY_Uls_u8p8[10]	46		
+ EDD BlandThIV I lie u8n8[11]			
t_FDD_BlendTblY_Uls_u8p8[11]	49		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]			
t_RIAstWIRBIndTblY_Uls_u2p14[0] t_RIAstWIRBIndTblY_Uls_u2p14[1]	49 1638 3277		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2]	49 1638 3277 4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3]	49 1638 3277 4915 6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4]	49 1638 3277 4915 6554 8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3]	49 1638 3277 4915 6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	49 1638 3277 4915 6554 8192 1434 1459		
t_RIAstWIRBIndTbIY_Uls_u2p14[0] t_RIAstWIRBIndTbIY_Uls_u2p14[1] t_RIAstWIRBIndTbIY_Uls_u2p14[2] t_RIAstWIRBIndTbIY_Uls_u2p14[3] t_RIAstWIRBIndTbIY_Uls_u2p14[4] t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1] t_WIRBIndTbIX_MtrNm_u8p8[2]	49 1638 3277 4915 6554 8192 1434 1459		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]  t_RIAstWIRBIndTbIY_UIs_u2p14[1]  t_RIAstWIRBIndTbIY_UIs_u2p14[2]  t_RIAstWIRBIndTbIY_UIs_u2p14[3]  t_RIAstWIRBIndTbIY_UIs_u2p14[4]  t_WIRBIndTbIX_MtrNm_u8p8[0]  t_WIRBIndTbIX_MtrNm_u8p8[1]  t_WIRBIndTbIX_MtrNm_u8p8[2]  t_WIRBIndTbIX_MtrNm_u8p8[3]	49 1638 3277 4915 6554 8192 1434 1459 1485		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]  t_RIAstWIRBIndTbIY_UIs_u2p14[1]  t_RIAstWIRBIndTbIY_UIs_u2p14[2]  t_RIAstWIRBIndTbIY_UIs_u2p14[3]  t_RIAstWIRBIndTbIY_UIs_u2p14[4]  t_WIRBIndTbIX_MtrNm_u8p8[0]  t_WIRBIndTbIX_MtrNm_u8p8[1]  t_WIRBIndTbIX_MtrNm_u8p8[2]  t_WIRBIndTbIX_MtrNm_u8p8[3]  t_WIRBIndTbIX_MtrNm_u8p8[4]	49 1638 3277 4915 6554 8192 1434 1459 1485 1510 1536		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]  t_RIAstWIRBIndTbIY_UIs_u2p14[1]  t_RIAstWIRBIndTbIY_UIs_u2p14[2]  t_RIAstWIRBIndTbIY_UIs_u2p14[3]  t_RIAstWIRBIndTbIY_UIs_u2p14[4]  t_WIRBIndTbIX_MtrNm_u8p8[0]  t_WIRBIndTbIX_MtrNm_u8p8[1]  t_WIRBIndTbIX_MtrNm_u8p8[2]  t_WIRBIndTbIX_MtrNm_u8p8[3]	49 1638 3277 4915 6554 8192 1434 1459 1485	Expected Value 0.001001636 ± 0.00000009	Result

Test Step Call Trace			<b>✓</b>	
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>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-7
VehicleSpeed_Kph_T_f32	228.25
WIRCmdAmpBlnd_MtrNm_T_f32	2.4
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1288 1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1144 1254
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1475
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][8]	1585
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	1695
t_CmnVehSpd_Kph_u9p7[0]	2560
t_CmnVehSpd_Kph_u9p7[1]	3840
t_CmnVehSpd_Kph_u9p7[2]	5120
t_CmnVehSpd_Kph_u9p7[3]	6400
t_CmnVehSpd_Kph_u9p7[4]	7680
t_CmnVehSpd_Kph_u9p7[5]	8960
t_CmnVehSpd_Kph_u9p7[6]	10240 11520
t_CmnVehSpd_Kph_u9p7[7] t_CmnVehSpd_Kph_u9p7[8]	12800
t_CmnVehSpd_Kph_u9p7[9]	14080
t_CmnVehSpd_Kph_u9p7[10]	15360
t_CmnVehSpd_Kph_u9p7[11]	16640
t_DmpADDCoefX_MtrNm_u4p12[0]	4506
t_DmpADDCoefX_MtrNm_u4p12[1]	4915
t_DmpADDCoefX_MtrNm_u4p12[2]	5325
t_DmpADDCoefX_MtrNm_u4p12[3]	5734
t_DmpADDCoefX_MtrNm_u4p12[4] t DmpADDCoefX_MtrNm_u4p12[5]	6144
t_DmpADDCoefX_MtrNm_u4p12[6]	6554 6963
t_DmpADDCoefX_MtrNm_u4p12[7]	7373
t_DmpADDCoefX_MtrNm_u4p12[8]	7782
t_DmpADDCoefX_MtrNm_u4p12[9]	8192
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	6554 6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	6554
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	6554
t_FDD_BlendTblY_Uls_u8p8[0]	49
t_FDD_BlendTblY_Uls_u8p8[1]	51
t_FDD_BlendTblY_Uls_u8p8[2]	54
t_FDD_BlendTblY_Uls_u8p8[3]	57
t_FDD_BlendTbIY_Uls_u8p8[4]	60
t_FDD_BlendTblY_Uls_u8p8[5]	63
t_FDD_BlendTblY_Uls_u8p8[6]	66
t_FDD_BlendTblY_Uls_u8p8[7]	68
t_FDD_BlendTblY_Uls_u8p8[8] t_FDD_BlendTblY_Uls_u8p8[9]	71 74
t_FDD_BlendTblY_Uls_u8p8[10]	77
t_FDD_BlendTblY_Uls_u8p8[11]	80
	3277
t_RIAstWIRBIndTbIY_UIs_u2p14[0] t_RIAstWIRBIndTbIY_UIs_u2p14[1]	3277 4915
t_RIAstWIRBIndTblY_Uls_u2p14[0]	

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

Test Step Call Trace			<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
WIRCmdAmpBlnd_MtrNm_T_f32	2.5
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	1692
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][9]	1793
t_CmnVehSpd_Kph_u9p7[0]	6784
t_CmnVehSpd_Kph_u9p7[1]	6912
t_CmnVehSpd_Kph_u9p7[2]	7040
t_CmnVehSpd_Kph_u9p7[3]	7168
t_CmnVehSpd_Kph_u9p7[4]	7296
t_CmnVehSpd_Kph_u9p7[5]	7424
t_CmnVehSpd_Kph_u9p7[6]	7552
t_CmnVehSpd_Kph_u9p7[7]	7680
t_CmnVehSpd_Kph_u9p7[8]	7808
t_CmnVehSpd_Kph_u9p7[9]	7936
t_CmnVehSpd_Kph_u9p7[10]	8064
t_CmnVehSpd_Kph_u9p7[11]	8192
t_DmpADDCoefX_MtrNm_u4p12[0]	8602
t_DmpADDCoefX_MtrNm_u4p12[1]	9011
t_DmpADDCoefX_MtrNm_u4p12[2]	9421
t_DmpADDCoefX_MtrNm_u4p12[3]	9830
t_DmpADDCoefX_MtrNm_u4p12[4]	10240
t_DmpADDCoefX_MtrNm_u4p12[5]	10650
t_DmpADDCoefX_MtrNm_u4p12[6]	11059
t_DmpADDCoefX_MtrNm_u4p12[7]	11469
t_DmpADDCoefX_MtrNm_u4p12[8]	11878
t_DmpADDCoefX_MtrNm_u4p12[9]	12288
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[0]	65		
t_FDD_BlendTblY_Uls_u8p8[1]	68		
t_FDD_BlendTblY_Uls_u8p8[2]	70		
t_FDD_BlendTblY_Uls_u8p8[3]	73		
t_FDD_BlendTblY_Uls_u8p8[4]	75		
t_FDD_BlendTblY_Uls_u8p8[5]	78		
t_FDD_BlendTblY_Uls_u8p8[6]	80		
t_FDD_BlendTblY_Uls_u8p8[7]	83		
t_FDD_BlendTblY_Uls_u8p8[8]	86		
t_FDD_BlendTblY_Uls_u8p8[9]	88		
t_FDD_BlendTblY_Uls_u8p8[10]	91		
t_FDD_BlendTblY_Uls_u8p8[11]	93		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0226821322	0.022682133 ± 0.00000009	~

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

Test Step 1.26 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3	
VehicleSpeed_Kph_T_f32	252.24	
WIRCmdAmpBInd_MtrNm_T_f32	2.6	
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_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][9]	4774	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387	
t_CmnVehSpd_Kph_u9p7[0]	128	
t_CmnVehSpd_Kph_u9p7[1]	256	
t_CmnVehSpd_Kph_u9p7[2]	384	
t_CmnVehSpd_Kph_u9p7[3]	512	
t_CmnVehSpd_Kph_u9p7[4]	640	
t_CmnVehSpd_Kph_u9p7[5]	768	
t_CmnVehSpd_Kph_u9p7[6]	896	
t_CmnVehSpd_Kph_u9p7[7]	1024	
t_CmnVehSpd_Kph_u9p7[8]	1152	
t_CmnVehSpd_Kph_u9p7[9]	1280	
t_CmnVehSpd_Kph_u9p7[10]	1408	
t_CmnVehSpd_Kph_u9p7[11]	1536	
t_DmpADDCoefX_MtrNm_u4p12[0]	12698	
t_DmpADDCoefX_MtrNm_u4p12[1]	13107	
t_DmpADDCoefX_MtrNm_u4p12[2]	13517	
t_DmpADDCoefX_MtrNm_u4p12[3]	13926	





Name	Input Value		
t_DmpADDCoefX_MtrNm_u4p12[4]	14336		
t_DmpADDCoefX_MtrNm_u4p12[5]	14746		
t_DmpADDCoefX_MtrNm_u4p12[6]	15155		
t_DmpADDCoefX_MtrNm_u4p12[7]	15565		
t_DmpADDCoefX_MtrNm_u4p12[8]	15974		
t_DmpADDCoefX_MtrNm_u4p12[9]	16384		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1608		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2032		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2455		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2878		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3302		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3725		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4148		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4572		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4995		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	5419		
t_FDD_BlendTblY_Uls_u8p8[0]	93		
t_FDD_BlendTblY_Uls_u8p8[1]	96		
t_FDD_BlendTblY_Uls_u8p8[2]	99		
t_FDD_BlendTblY_Uls_u8p8[3]	101		
t_FDD_BlendTblY_Uls_u8p8[4]	104		
t_FDD_BlendTblY_Uls_u8p8[5]	106		
t_FDD_BlendTblY_Uls_u8p8[6]	109		
t_FDD_BlendTblY_Uls_u8p8[7]	111		
t_FDD_BlendTblY_Uls_u8p8[8]	114		
t_FDD_BlendTblY_Uls_u8p8[9]	116		
t_FDD_BlendTblY_Uls_u8p8[10]	119		
t_FDD_BlendTblY_Uls_u8p8[11]	122		
t_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_WIRBIndTblX_MtrNm_u8p8[0]	0		
t_WIRBIndTblX_MtrNm_u8p8[1]	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTblX_MtrNm_u8p8[4]	0		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0104283169	0.010428317 ± 0.00000009	~

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

Test Step 1.27 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	4
VehicleSpeed_Kph_T_f32	264
WIRCmdAmpBInd_MtrNm_T_f32	2.7
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3598
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4774

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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		
	1789		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0] t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130		
	2471		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2811		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	3152		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3493		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3834		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	4175		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4515		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4856		
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[9]	116		
t_FDD_BlendTblY_Uls_u8p8[0]			
t_FDD_BlendTblY_Uls_u8p8[1]	118		
t_FDD_BlendTblY_Uls_u8p8[2]	123		
t_FDD_BlendTblY_Uls_u8p8[3]	126		
t_FDD_BlendTblY_Uls_u8p8[4]			
t_FDD_BlendTblY_Uls_u8p8[5]	129		
t_FDD_BlendTblY_Uls_u8p8[6]	131		
t_FDD_BlendTblY_Uls_u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t_FDD_BlendTblY_Uls_u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	8192		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	9830		
t_RIAstWIRBIndTblY_Uls_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t_WIRBIndTbIX_MtrNm_u8p8[0]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[1]	2048		
t_WIRBIndTblX_MtrNm_u8p8[2]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[3]	2048		
t_WIRBIndTbIX_MtrNm_u8p8[4]	2048		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.0117070675	0.011707067 ± 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 1.28 (Repeat Count = 1)	<b>→</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	5
VehicleSpeed_Kph_T_f32	276.14
WIRCmdAmpBInd_MtrNm_T_f32	2.8
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1608
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2032
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2455
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2878

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ADDCoefCalc Input Value t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][4] 3302 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][5] 3725 4148 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][6]  $t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][7]$ 4572 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][8] 4995 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[0][9] 5419 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][0] 1427  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][1]$ 1655 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][2] 1884  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][3]$ 2112 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][4] 2340 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][5] 2568 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][6] 2796  $t2\_FDD\_ADDRollingTbIYM\_MtrNmpRadpS\_um1p17[1][7]$ 3024 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][8] 3252 t2\_FDD\_ADDRollingTblYM\_MtrNmpRadpS\_um1p17[1][9] 3480 t\_CmnVehSpd\_Kph\_u9p7[0] 12800 t CmnVehSpd Kph u9p7[1] 12928  $t\_CmnVehSpd\_Kph\_u9p7[2]$ 13056 13184 t CmnVehSpd Kph u9p7[3] t\_CmnVehSpd\_Kph\_u9p7[4] 13312 t\_CmnVehSpd\_Kph\_u9p7[5] 13440 t\_CmnVehSpd\_Kph\_u9p7[6] 13568 t\_CmnVehSpd\_Kph\_u9p7[7] 13696 13824 t\_CmnVehSpd\_Kph\_u9p7[8] 13952 t\_CmnVehSpd\_Kph\_u9p7[9] 14080 t\_CmnVehSpd\_Kph\_u9p7[10] t\_CmnVehSpd\_Kph\_u9p7[11] 14208 t\_DmpADDCoefX\_MtrNm\_u4p12[0] 20890  $t\_DmpADDCoefX\_MtrNm\_u4p12[1]$ 21299 21709 t DmpADDCoefX MtrNm u4p12[2] t\_DmpADDCoefX\_MtrNm\_u4p12[3] 22118 t DmpADDCoefX MtrNm u4p12[4] 22528 t\_DmpADDCoefX\_MtrNm\_u4p12[5] 22938 t\_DmpADDCoefX\_MtrNm\_u4p12[6] 23347 t DmpADDCoefX\_MtrNm\_u4p12[7] 23757 t\_DmpADDCoefX\_MtrNm\_u4p12[8] 24166 t\_DmpADDCoefX\_MtrNm\_u4p12[9] 24576 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[0] 1608 t FDD ADDStaticTblY MtrNmpRadpS um1p17[1] 2032 t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[2] 2455 2878 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[3] t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[4] 3302 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[5] 3725 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[6] 4148 t\_FDD\_ADDStaticTblY\_MtrNmpRadpS\_um1p17[7] 4572 4995 t FDD ADDStaticTblY MtrNmpRadpS um1p17[8] t\_FDD\_ADDStaticTbIY\_MtrNmpRadpS\_um1p17[9] 5419 t\_FDD\_BlendTblY\_Uls\_u8p8[0] 144 t\_FDD\_BlendTblY\_Uls\_u8p8[1] 146 t\_FDD\_BlendTblY\_Uls\_u8p8[2] 149 t\_FDD\_BlendTblY\_Uls\_u8p8[3] 152 t\_FDD\_BlendTblY\_Uls\_u8p8[4] 154 t\_FDD\_BlendTblY\_Uls\_u8p8[5] 157 t\_FDD\_BlendTblY\_Uls\_u8p8[6] 159 t\_FDD\_BlendTblY\_Uls\_u8p8[7] 162 t\_FDD\_BlendTblY\_Uls\_u8p8[8] 164 t\_FDD\_BlendTblY\_Uls\_u8p8[9] 167 t\_FDD\_BlendTblY\_Uls\_u8p8[10] 169 t\_FDD\_BlendTblY\_Uls\_u8p8[11] 172 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[0] 6554 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[1] 8192  $t\_RIAstWIRBIndTbIY\_Uls\_u2p14[2]$ 9830 t\_RIAstWIRBIndTbIY\_Uls\_u2p14[3] 11469

Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0118969213	0.011896921 ± 0.00000009	~

13107

1178

1203

1229

1254

1280

t\_RIAstWIRBIndTblY\_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]



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

Test Step 1.29 (Repeat Count = 1)		
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	6	
VehicleSpeed_Kph_T_f32	288	
WIRCmdAmpBInd_MtrNm_T_f32	2.9	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1789	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	2130	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2471	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2811	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	3152	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3493	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3834	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4175	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4515	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4856	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1608	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2032	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2455	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2878	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	3302	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3725	
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][6]	4148	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4572	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4995	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5419	
t_CmnVehSpd_Kph_u9p7[0]	15488	
t_CmnVehSpd_Kph_u9p7[1]	15616	
t_CmnVehSpd_Kph_u9p7[2]	15744	
t_CmnVehSpd_Kph_u9p7[3]	15872	
t_CmnVehSpd_Kph_u9p7[4]	16000	
t_CmnVehSpd_Kph_u9p7[5]	16128	
t_CmnVehSpd_Kph_u9p7[6]	16256	
t_CmnVehSpd_Kph_u9p7[7]	16384	
t_CmnVehSpd_Kph_u9p7[8]	16512	
t_CmnVehSpd_Kph_u9p7[9]	16640	
t_CmnVehSpd_Kph_u9p7[10]	16768	
t_CmnVehSpd_Kph_u9p7[11]	16896	
t_DmpADDCoefX_MtrNm_u4p12[0]	24986	
t_DmpADDCoefX_MtrNm_u4p12[1]	25395	
t_DmpADDCoefX_MtrNm_u4p12[2]	25805	
t_DmpADDCoefX_MtrNm_u4p12[3]	26214	
t_DmpADDCoefX_MtrNm_u4p12[4]	26624	
t_DmpADDCoefX_MtrNm_u4p12[5]	27034	
_DmpADDCoefX_MtrNm_u4p12[6]	27443	
t_DmpADDCoefX_MtrNm_u4p12[7]	27853	
t_DmpADDCoefX_MtrNm_u4p12[8]	28262	
t_DmpADDCoefX_MtrNm_u4p12[9]	28672	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	1789	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	2130	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	2471	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	2811	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	3152	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	3493	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	3834	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	4175	
r_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	4515	
	4856	
	172	
	174	
EFDD_BlendTblY_Uls_u8p8[2]	176	
t_FDD_BlendTblY_Uls_u8p8[3]	178	
t_FDD_BlendTblY_Uls_u8p8[4]	180	
t_FDD_BlendTblY_Uls_u8p8[5]	183	
t_FDD_BlendTblY_Uls_u8p8[6]	185	
t_FDD_BlendTblY_Uls_u8p8[7]	187	
t_FDD_BlendTblY_Uls_u8p8[8]	189	

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Name	Input Value		
t_FDD_BlendTblY_Uls_u8p8[9]	191		
t_FDD_BlendTblY_Uls_u8p8[10]	193		
t_FDD_BlendTblY_Uls_u8p8[11]	195		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	0		
t_RIAstWIRBIndTbIY_Uls_u2p14[4]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	282		
t_WIRBIndTbIX_MtrNm_u8p8[1]	307		
t_WIRBIndTbIX_MtrNm_u8p8[2]	333	333	
t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WIRBIndTbIX_MtrNm_u8p8[4]	384		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.0136480868	0.013648987 + 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 1.30 (Repeat Count = 1)	🗸
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	7
VehicleSpeed_Kph_T_f32	300.25
WIRCmdAmpBInd_MtrNm_T_f32	3.2
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1326
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1659
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1789
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	2130
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	2471
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	2811
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	3152
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3493
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3834
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4175
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4515
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	4856
t_CmnVehSpd_Kph_u9p7[0]	10368
t_CmnVehSpd_Kph_u9p7[1]	10496
t_CmnVehSpd_Kph_u9p7[2]	10624
t_CmnVehSpd_Kph_u9p7[3]	10752
t_CmnVehSpd_Kph_u9p7[4]	10880
t_CmnVehSpd_Kph_u9p7[5]	11008
t_CmnVehSpd_Kph_u9p7[6]	11136
t_CmnVehSpd_Kph_u9p7[7]	11264
t_CmnVehSpd_Kph_u9p7[8]	11392
t_CmnVehSpd_Kph_u9p7[9]	11520
t_CmnVehSpd_Kph_u9p7[10]	11648
t_CmnVehSpd_Kph_u9p7[11]	11776
t_DmpADDCoefX_MtrNm_u4p12[0]	28262
t_DmpADDCoefX_MtrNm_u4p12[1]	28672
t_DmpADDCoefX_MtrNm_u4p12[2]	29082
t_DmpADDCoefX_MtrNm_u4p12[3]	29491
t_DmpADDCoefX_MtrNm_u4p12[4]	29901
t_DmpADDCoefX_MtrNm_u4p12[5]	30310
t_DmpADDCoefX_MtrNm_u4p12[6]	30720
t_DmpADDCoefX_MtrNm_u4p12[7]	31130
t_DmpADDCoefX_MtrNm_u4p12[8]	31539
t_DmpADDCoefX_MtrNm_u4p12[9]	31949
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494

Name

ADDCoefCalc()

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Result

ADDCoefCalc	2014-03-19, 10.47.23-0030	Razoncat
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_UIs_u2p14[0]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	16384	
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	16384	
t_RIAstWIRBIndTblY_Uls_u2p14[3]	16384	
t_RIAstWIRBIndTblY_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	

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

Actual Value

0.0155524611

Expected Value

0.015552461 ± 0.00000009

Test Step 1.31 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	8
VehicleSpeed Kph T f32	312
WIRCmdAmpBlnd MtrNm T f32	3.1
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[0][0]	342
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][1]	683
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][2]	1024
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1364
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1705
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2046
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2387
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2728
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3409
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	161
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	328
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	494
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	661
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	827
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	994
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1160
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	1326
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][8]	1493
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][9]	1659
t_CmnVehSpd_Kph_u9p7[0]	5248
t_CmnVehSpd_Kph_u9p7[1]	5376
t_CmnVehSpd_Kph_u9p7[2]	5504
t_CmnVehSpd_Kph_u9p7[3]	5632
t_CmnVehSpd_Kph_u9p7[4]	5760
t_CmnVehSpd_Kph_u9p7[5]	5888
t_CmnVehSpd_Kph_u9p7[6]	6016
t_CmnVehSpd_Kph_u9p7[7]	6144
t_CmnVehSpd_Kph_u9p7[8]	6272

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7.122000.00.0		•	
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_UIs_u2p14[1]	6554		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	8192		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	11469		
t_WIRBIndTbIX_MtrNm_u8p8[0]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
ADDCoefCalc()	0.0253202002	0.0253202 ± 0.00000009	
<u>~</u>			

Test Step Call Trace					•	0
	Actual Function	Count	Expected Function	Count	Resul	t
	IntolVarXY u16 u16Xu16Y Cnt	5	IntolVarXY u16 u16Xu16Y Cnt	5	•	,

Test Step 1.32 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	1.5	
VehicleSpeed_Kph_T_f32	324.14	
WIRCmdAmpBInd_MtrNm_T_f32	3.2	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	523	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1038	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1553	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2068	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2583	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3099	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3614	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	4129	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4644	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	5159	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	342	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	683	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1024	

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Name	Input Value		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1364		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1705		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	2046		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	2387		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2728		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	3068		
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	3409		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpADDCoefX_MtrNm_u4p12[0]	8602		
t_DmpADDCoefX_MtrNm_u4p12[1]	9011		
t_DmpADDCoefX_MtrNm_u4p12[2]	9421		
t_DmpADDCoefX_MtrNm_u4p12[3]	9830		
t_DmpADDCoefX_MtrNm_u4p12[4]	10240		
t_DmpADDCoefX_MtrNm_u4p12[5]	10650		
t_DmpADDCoefX_MtrNm_u4p12[6]	11059		
t_DmpADDCoefX_MtrNm_u4p12[7]	11469		
t_DmpADDCoefX_MtrNm_u4p12[8]	11878		
t_DmpADDCoefX_MtrNm_u4p12[9]	12288		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	161		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	328		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	494		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	661		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	827		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	994		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1160		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1326		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1493 1659		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]			
t_FDD_BlendTblY_Uls_u8p8[0]	116		
t_FDD_BlendTblY_Uls_u8p8[1]	121		
t_FDD_BlendTblY_Uls_u8p8[2]	123		
t_FDD_BlendTbIY_Uls_u8p8[3] t_FDD_BlendTbIY_Uls_u8p8[4]	123		
t_FDD_BlendTblY_Uls_u8p8[5] t FDD BlendTblY Uls u8p8[6]	131		
t FDD BlendTbIY Uls u8p8[7]	134		
t_FDD_BlendTblY_Uls_u8p8[8]	136		
t_FDD_BlendTblY_Uls_u8p8[9]	139		
t FDD BlendTblY Uls u8p8[10]	141		
t_FDD_BlendTblY_Uls_u8p8[11]	144		
t_RIAstWIRBIndTblY_Uls_u2p14[0]	1638		
t RIAstWIRBIndTblY Uls u2p14[1]	3277		
t RIAstWIRBIndTbIY UIs u2p14[2]	4915		
t_RiAstWiRBindTblY_Uls_u2p14[3]	6554		
t_RiAstWiRBindTblY_Uls_u2p14[4]	8192		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t WIRBINGTBIX_MININ_usps[1]	1035		
t_WIRBIndTblX_MtrNm_u8p8[2]	1101		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1126		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1152		
Name	Actual Value	Expected Value	Result
ADDCoefCalc()	0.00270421011	0.00270421 ± 0.000000009	Kesuit
ADDOOCIOGIC()	0.00210421011	0.00210421 ± 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	

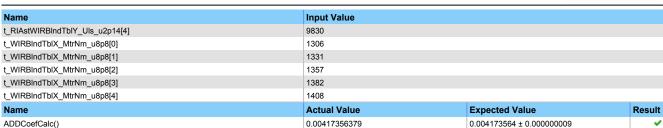


Test Step 1.33 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-1.5
VehicleSpeed_Kph_T_f32	336
WIRCmdAmpBlnd_MtrNm_T_f32	3.3
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1034 1144
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[0][4] t2_FDD_ADDRollingTbIYM_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 2068
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3] t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	2583
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	3099
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	3614
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	4129
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	4644
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	5159
t_CmnVehSpd_Kph_u9p7[0]	32640
t_CmnVehSpd_Kph_u9p7[1]	32640
t_CmnVehSpd_Kph_u9p7[2]	32640 32640
t_CmnVehSpd_Kph_u9p7[3] 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] t_DmpADDCoefX_MtrNm_u4p12[1]	12698 13107
t_DmpADDCoefX_MtrNm_u4p12[1]	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] t FDD ADDStaticTbIY MtrNmpRadpS um1p17[0]	16384 161
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	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 1659
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]	189 191
t_FDD_BlendTblY_Uls_u8p8[9] t_FDD_BlendTblY_Uls_u8p8[10]	193
t_FDD_BlendTblY_Uls_u8p8[11]	195
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	3277
t_RIAstWIRBIndTbIY_Uls_u2p14[1]	4915
t_RIAstWIRBIndTbIY_Uls_u2p14[2]	6554
t_RIAstWIRBIndTbIY_Uls_u2p14[3]	8192

ADDCoefCalc

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

Test Step 1.34 (Repeat Count = 1)	
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	2.9
VehicleSpeed_Kph_T_f32	348.14
WIRCmdAmpBlnd_MtrNm_T_f32	3.4
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][0]	885
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	986
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1087
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][3]	1188
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[0][4]	1288
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1389
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1490
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	1591
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	1692
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	1793
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	704
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	924
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1034
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][4]	1144
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][5]	1254
t2 FDD ADDRollingTblYM MtrNmpRadpS um1p17[1][6]	1364
t2_FDD_ADDRollingTbIYM_MtrNmpRadpS_um1p17[1][7]	1475
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[1][8]	1585
t2 FDD ADDRollingTbIYM MtrNmpRadpS um1p17[1][9]	1695
t CmnVehSpd Kph u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
	13568
t_CmnVehSpd_Kph_u9p7[6]	13696
t_CmnVehSpd_Kph_u9p7[7]	13824
t_CmnVehSpd_Kph_u9p7[8]	
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208
t_DmpADDCoefX_MtrNm_u4p12[0]	16794
t_DmpADDCoefX_MtrNm_u4p12[1]	17203
t_DmpADDCoefX_MtrNm_u4p12[2]	17613
t_DmpADDCoefX_MtrNm_u4p12[3]	18022
t_DmpADDCoefX_MtrNm_u4p12[4]	18432
t_DmpADDCoefX_MtrNm_u4p12[5]	18842
t_DmpADDCoefX_MtrNm_u4p12[6]	19251
t_DmpADDCoefX_MtrNm_u4p12[7]	19661
t_DmpADDCoefX_MtrNm_u4p12[8]	20070
t_DmpADDCoefX_MtrNm_u4p12[9]	20480
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	342
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	683
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1024
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1364
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1705
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	2046
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	2387
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	2728
t_FDD_ADDStaticTbIY_MtrNmpRadpS_um1p17[8]	3068
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	3409

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Name	Innut Value		
	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_BlendTbIY_Uls_u8p8[4]	227		
t_FDD_BlendTblY_Uls_u8p8[5]	230		
t_FDD_BlendTblY_Uls_u8p8[6]	232		
t_FDD_BlendTblY_Uls_u8p8[7]	234		
t_FDD_BlendTblY_Uls_u8p8[8]	237		
t_FDD_BlendTblY_Uls_u8p8[9]	239		
t_FDD_BlendTblY_Uls_u8p8[10]	241		
t_FDD_BlendTblY_Uls_u8p8[11]	243		
t_RIAstWIRBIndTbIY_Uls_u2p14[0]	4915		
t_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	0.006148417 ± 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 1.35 (Repeat Count = 1)		•
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.7	
VehicleSpeed_Kph_T_f32	360	
WIRCmdAmpBInd_MtrNm_T_f32	3.5	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1066	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1212	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1359	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	1506	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	1653	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	1800	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	1946	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	2093	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	2240	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	2387	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	885	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	986	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1087	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1188	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1288	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1389	
t2_FDD_ADDRollingTbIYM_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]	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

t\_WIRBIndTbIX\_MtrNm\_u8p8[4]

Name

ADDCoefCalc()

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/155 000/00/0	(
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_RIAstWIRBIndTblY_Uls_u2p14[3]	11469
t_RIAstWIRBIndTblY_Uls_u2p14[4]	13107
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766
t_WIRBIndTbIX_MtrNm_u8p8[1]	1792
t_WIRBIndTbIX_MtrNm_u8p8[2]	1818
t_WIRBIndTbIX_MtrNm_u8p8[3]	1843

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

Actual Value

0.00399017334

**Expected Value** 

0.003990173 ± 0.000000009

1869

Test Step 1.36 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
BaseAssistCmd_MtrNm_T_f32	-3.69
VehicleSpeed_Kph_T_f32	372.14
WIRCmdAmpBInd_MtrNm_T_f32	3.6
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1246
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1638
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	2030
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2422
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2814
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	3206
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	3598
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3990
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	4382
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	4774
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	1066
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][1]	1212
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][2]	1359
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][3]	1506
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][4]	1653
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][5]	1800
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][6]	1946
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][7]	2093
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][8]	2240
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][9]	2387

Result

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755 000 0010			1
Name	Input Value		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t CmnVehSpd Kph u9p7[3]	6400		
t CmnVehSpd Kph u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpADDCoefX_MtrNm_u4p12[0]	24986		
t_DmpADDCoefX_MtrNm_u4p12[1]	25395		
t_DmpADDCoefX_MtrNm_u4p12[2]	25805		
t_DmpADDCoefX_MtrNm_u4p12[3]	26214		
t_DmpADDCoefX_MtrNm_u4p12[4]	26624		
t_DmpADDCoefX_MtrNm_u4p12[5]	27034		
t DmpADDCoefX MtrNm u4p12[6]	27443		
t_DmpADDCoefX_MtrNm_u4p12[7]	27853		
t_DmpADDCoefX_MtrNm_u4p12[8]	28262		
t_DmpADDCoefX_MtrNm_u4p12[9]	28672		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	704		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	814		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[2]	924		
t FDD ADDStaticTblY MtrNmpRadpS um1p17[3]	1034		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1144		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1254		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1364		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1475		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1585		
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1695		
t_FDD_BlendTblY_Uls_u8p8[0]	256		
t_FDD_BlendTblY_Uls_u8p8[1]	256		
t_FDD_BlendTblY_Uls_u8p8[2]	256		
t_FDD_BlendTblY_Uls_u8p8[3]	256		
t_FDD_BlendTblY_Uls_u8p8[4]	256		
t_FDD_BlendTblY_Uls_u8p8[5]	256		
t_FDD_BlendTblY_Uls_u8p8[6]	256		
t_FDD_BlendTblY_Uls_u8p8[7]	256		
t_FDD_BlendTblY_Uls_u8p8[8]	256		
t FDD BlendTblY Uls u8p8[9]	256		
t_FDD_BlendTblY_Uls_u8p8[10]	256		
t_FDD_BlendTblY_Uls_u8p8[11]	256		
t_RIAstWIRBIndTbIY_UIs_u2p14[0]	8192		
t RIAstWIRBIndTblY Uls u2p14[1]	9830		
t_RIAstWIRBIndTbIY_UIs_u2p14[2]	11469		
t_RIAstWIRBIndTbIY_UIs_u2p14[3]	13107		
t_RIAstWIRBIndTbIY_UIs_u2p14[4]	14746		
t WIRBIndTbIX MtrNm u8p8[0]	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		Eumostad Value	Decut
	<b>Actual Value</b> 0.00827023014	Expected Value	Result
ADDCoefCalc()	0.0002/023014	0.00827023 ± 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 1.37 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
BaseAssistCmd_MtrNm_T_f32	3.9	
VehicleSpeed_Kph_T_f32	384.25	
WIRCmdAmpBind_MtrNm_T_f32	3.7	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][0]	1427	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][1]	1655	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][2]	1884	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][3]	2112	

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710000000000		(-410-10
Name	Input Value	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][4]	2340	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][5]	2568	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][6]	2796	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][7]	3024	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][8]	3252	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[0][9]	3480	
t2_FDD_ADDRollingTblYM_MtrNmpRadpS_um1p17[1][0]	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 12928	
t_CmnVehSpd_Kph_u9p7[1] t_CmnVehSpd_Kph_u9p7[2]	13056	
t CmnVehSpd Kph u9p7[3]	13184	
t_CmnVehSpd_Kph_u9p7[4]	13312	
t CmnVehSpd Kph u9p7[5]	13440	
t_CmnVehSpd_Kph_u9p7[6]	13568	
t_CmnVehSpd_Kph_u9p7[7]	13696	
t_CmnVehSpd_Kph_u9p7[8]	13824	
t_CmnVehSpd_Kph_u9p7[9]	13952	
t_CmnVehSpd_Kph_u9p7[10]	14080	
t_CmnVehSpd_Kph_u9p7[11]	14208	
t_DmpADDCoefX_MtrNm_u4p12[0]	28262	
t_DmpADDCoefX_MtrNm_u4p12[1]	28672	
t_DmpADDCoefX_MtrNm_u4p12[2]	29082	
t_DmpADDCoefX_MtrNm_u4p12[3]	29491	
t_DmpADDCoefX_MtrNm_u4p12[4]	29901	
t_DmpADDCoefX_MtrNm_u4p12[5]	30310	
t_DmpADDCoefX_MtrNm_u4p12[6]	30720	
t_DmpADDCoefX_MtrNm_u4p12[7]	31130	
t_DmpADDCoefX_MtrNm_u4p12[8]	31539	
t_DmpADDCoefX_MtrNm_u4p12[9]	31949	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[0]	885	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[1]	986	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[2]	1087	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[3]	1188	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[4]	1288	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[5]	1389	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[6]	1490	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[7]	1591	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[8]	1692	
t_FDD_ADDStaticTblY_MtrNmpRadpS_um1p17[9]	1793	
t_FDD_BlendTblY_Uls_u8p8[0]	116	
t_FDD_BlendTblY_Uls_u8p8[1]	118	
t_FDD_BlendTblY_Uls_u8p8[2]	121	
t_FDD_BlendTblY_Uls_u8p8[3]	123	
t_FDD_BlendTblY_Uls_u8p8[4]	126	
t_FDD_BlendTblY_Uls_u8p8[5]	129	
t_FDD_BlendTblY_Uls_u8p8[6]	131	
t_FDD_BlendTblY_UIs_u8p8[7]	134	
t_FDD_BlendTblY_Uls_u8p8[8]	136	
t_FDD_BlendTblY_Uls_u8p8[9]	139 141	
t_FDD_BlendTblY_Uls_u8p8[10]	141	
t_FDD_BlendTbIY_Uls_u8p8[11] t_RIAstWIRBIndTbIY_Uls_u2p14[0]	6554	
t_RIAstWIRBIndTbIY_UIs_u2p14[u]  t_RIAstWIRBIndTbIY_UIs_u2p14[1]	8192	
t_RIAstWIRBIndTbIY_UIs_u2p14[1]	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	
Name		pected Value Resul
ADDCoefCalc()		08456621 ± 0.000000009
v	0.00	

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

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 Project
 FDD\_Inertia

 Module
 FDD\_Inertia\_FLTINJ

 Test Object
 GenFddlcCmd

### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	2
Successful	2
Failed	0
Not Executed	0



### **Module Properties**

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

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c
	Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16
	Unit Test Plan Version: 6 Optimization Level: Level 2
	Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994
	Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014
	Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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GenFddlcCmd



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



#### Test Case 1: Metrics Test

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

CPU Cycles:

TS1.1 362.00 Cycles TS1.2 362.00 Cycles

Description Test Vector Description:

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

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.1		
Prev1SclDrvVel_RadpS_M_f32	22.2		
Prev2PreAttnComp_MtrNm_M_f32	7.3		
Prev2ScIDrvVel_RadpS_M_f32	10		
ScaledDriverVel_MtrRadpS_T_f32	-7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.024534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0000456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3242		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.330669165	-0.330669151 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	<b>*</b>
Prev2SclDrvVel_RadpS_M_f32	22.2000008	22.2 ± 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 1.2 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.2		
Prev1SclDrvVel_RadpS_M_f32	-16.66		
Prev2PreAttnComp_MtrNm_M_f32	-5.2		
Prev2ScIDrvVel_RadpS_M_f32	-3		
ScaledDriverVel_MtrRadpS_T_f32	10.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560		
t_FDD_AttenTblY_Uls_u8p8[0]	116		
t_FDD_AttenTblY_Uls_u8p8[1]	118		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.32		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.334564269	-0.334564171 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	-0.738348722	-0.738348516 ± 0.0000009	•
Prev1SclDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	•
Prev2ScIDrvVel RadpS M f32	-16.6599998	-16.66 ± 0.00390625	•

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GenFddlcCmd

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

GenFddlcCmd

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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	362.00 Cycles
TS2.2	362.00 Cycles
TS2.3	362.00 Cycles
TS2.4	362.00 Cycles
TS2.4	
	362.00 Cycles
TS2.6	362.00 Cycles
TS2.7	362.00 Cycles
TS2.8	374.00 Cycles
TS2.9	362.00 Cycles
TS2.10	362.00 Cycles
TS2.11	362.00 Cycles
TS2.12	374.00 Cycles
TS2.13	374.00 Cycles
TS2.14	374.00 Cycles
TS2.15	362.00 Cycles
TS2.16	362.00 Cycles
TS2.17	362.00 Cycles
TS2.18	362.00 Cycles
TS2.19	362.00 Cycles
TS2.20	374.00 Cycles
152.20	
TS2.21	374.00 Cycles
TS2.22	374.00 Cycles
TS2.23	374.00 Cycles
TS2.24	362.00 Cycles
TS2.25	362.00 Cycles
TS2.26	362.00 Cycles
TS2.27	430.00 Cycles
TS2.28	362.00 Cycles
TS2.29	362.00 Cycles
TS2.30	362.00 Cycles
TS2.31	362.00 Cycles
TS2.32	362.00 Cycles
TS2.33	362.00 Cycles
TS2.34	362.00 Cycles
TS2.35	374.00 Cycles
TS2.36	362.00 Cycles
TS2.37	362.00 Cycles
TS2.38	362.00 Cycles
TS2.39	362.00 Cycles
TS2.40	374.00 Cycles
TS2.41	374.00 Cycles
TS2.42	362.00 Cycles
TS2.43	374.00 Cycles
TS2.44	362.00 Cycles
TS2.45	362.00 Cycles
TS2.46	374.00 Cycles
TS2.47	362.00 Cycles
TS2.48	362.00 Cycles
TS2.49	362.00 Cycles
TS2.50	362.00 Cycles
TS2.51	362.00 Cycles





#### **Description** Test Vector Description

```
TS2.1 All min
TS2.2 All max
TS2.3 ScaledDriverVel_MtrRadpS_T_f32 = min
TS2.4 ScaledDriverVel_MtrRadpS_T_f32 = max
TS2.5 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.6 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = pos
TS2.7 ScaledDriverVel_MtrRadpS_T_f32 = neg
TS2.8 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.9 filtCoef_Uls_T_Str.b0_Uls_f32 = min
TS2.10 filtCoef_Uls_T_Str.b0_Uls_f32 = mid
TS2.11 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.12 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.13 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.14 filtCoef_Uls_T_Str.b1_Uls_f32 = mid
TS2.15 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.16 filtCoef_Uls_T_Str.b2_Uls_f32 = mid
TS2.17 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.18 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.19 filtCoef_Uls_T_Str.a0_Uls_f32 = mid
TS2.20 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.21 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.22 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.23 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.24 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.25 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.26 filtCoef_Uls_T_Str.a1_Uls_f32 = mid
TS2.27 prev2ScIDrvVel_RadpS_M_f32 = max
TS2.28 prev2ScIDrvVel_RadpS_M_f32 = neg
    TS2.1 All min
    TS2.2
                            All max
    TS2.28
                                Prev2ScIDrvVel_RadpS_M_f32 = zero
                                Prev2ScIDrvVel_RadpS_M_f32 = neg
Prev2ScIDrvVel_RadpS_M_f32 = pos
Prev1ScIDrvVel_RadpS_M_f32 = min
    TS2.29
    TS2.30
    TS2.31
                                Prev1ScIDrvVel_RadpS_M_f32 = max
Prev1ScIDrvVel_RadpS_M_f32 = zero
Prev1ScIDrvVel_RadpS_M_f32 = neg
    TS2.32
TS2.33
    TS2.34
                                Prev1ScIDrvVel_RadpS_M_f32 = pos
Prev1PreAttnComp_MtrNm_M_f32 = min
Prev1PreAttnComp_MtrNm_M_f32 = max
    TS2.35
TS2.36
    TS2.37
                                Prev1PreAttnComp_MtrNm_M_f32 = zero
Prev1PreAttnComp_MtrNm_M_f32 = neg
Prev1PreAttnComp_MtrNm_M_f32 = pos
    TS2.38
    TS2 39
    TS2.40
                                Prev2PreAttnComp_MtrNm_M_f32 = min
Prev2PreAttnComp_MtrNm_M_f32 = max
Prev2PreAttnComp_MtrNm_M_f32 = zero
    TS2.41
    TS2 42
    TS2.43
    TS2.44
                                Prev2PreAttnComp_MtrNm_M_f32 = neg
                                Prev2PreAttnComp_MtrNm_M_f32 = pos
t_FDD_AttenTbIX_MtrRadpS_u12p4[2] = min
   TS2.45
TS2.46
```

Test Step 2.1 (Repeat Count = 1)			~
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.8		
Prev1SclDrvVel_RadpS_M_f32	-12917.3		
Prev2PreAttnComp_MtrNm_M_f32	-8.8		
Prev2SclDrvVel_RadpS_M_f32	-12917.3		
ScaledDriverVel_MtrRadpS_T_f32	-7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.741562052		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.5525885		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9996842		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	0	0 ± 0.000009	•
Prev1PreAttnComp_MtrNm_M_f32	9012.61621	9012.617156 ± 0.009	•
Prev1SclDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	•
Prev2ScIDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	•

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



Test Step 2.2 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.8		
Prev1SclDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	8.8		
Prev2SclDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2046.13135	2046.131531 ± 0.009	~
Prev1PreAttnComp_MtrNm_M_f32	2046.13135	2046.131531 ± 0.009	~
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998	12917.3 ± 0.00390625	<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)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.1		
Prev1SclDrvVel_RadpS_M_f32	22.2		
Prev2PreAttnComp_MtrNm_M_f32	7.3		
Prev2SclDrvVel_RadpS_M_f32	10		
ScaledDriverVel_MtrRadpS_T_f32	-7226.652		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	320		
t_FDD_AttenTblY_Uls_u8p8[0]	49		
t_FDD_AttenTblY_Uls_u8p8[1]	51		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.024534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.124564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0000456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3242		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.330669165	-0.330669151 ± 0.0000009	
Prev1PreAttnComp_MtrNm_M_f32	-1.6598295	-1.659829464 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-7226.65186	-7226.652 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	1.10000002	1.1 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	22.2000008	22.2 ± 0.00390625	~

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

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-1.1
Prev1SclDrvVel_RadpS_M_f32	-4.21
Prev2PreAttnComp_MtrNm_M_f32	-6.8
Prev2ScIDrvVel_RadpS_M_f32	-2
ScaledDriverVel_MtrRadpS_T_f32	7226.652
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str

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GenFddlcCmd

Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	352		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	400		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0332		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.13456		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0005345		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.45675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45654		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.509668887	0.509668855 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.91875339	1.918753337 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	7226.65186	7226.652 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.10000002	-1.1 ± 0.00048828125	~
Prev2SclDrvVel RadpS M f32	-4.21000004	-4.21 ± 0.00390625	<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 2.5 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	6.6		
Prev1ScIDrvVel_RadpS_M_f32	26.1		
Prev2PreAttnComp_MtrNm_M_f32	8.3		
Prev2ScIDrvVel_RadpS_M_f32	17.03		
ScaledDriverVel_MtrRadpS_T_f32	0		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.782138526	0.78213851 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.55215085	1.552150842 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	0	0 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.599999	6.6 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1 ± 0.00390625	~

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

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.2
Prev1SclDrvVel_RadpS_M_f32	-16.66
Prev2PreAttnComp_MtrNm_M_f32	-5.2
Prev2ScIDrvVel_RadpS_M_f32	-3
ScaledDriverVel_MtrRadpS_T_f32	10.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560
t_FDD_AttenTblY_Uls_u8p8[0]	116
t_FDD_AttenTblY_Uls_u8p8[1]	118
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02345
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15457
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.1
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.766645

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.157648206	0.157648289 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.347913265	0.347913465 ± 0.0000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	10.1999998	10.2 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-2.20000005	-2.2 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-16.6599998	-16.66 ± 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 2.7 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	3.3		
Prev1ScIDrvVel_RadpS_M_f32	26.45		
Prev2PreAttnComp_MtrNm_M_f32	5.2		
Prev2SclDrvVel_RadpS_M_f32	17.12		
ScaledDriverVel_MtrRadpS_T_f32	-10.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	512		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	560		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16878		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.2		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.27867		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.8318522	-1.831852049 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.25662613	-3.256625864 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	-10.3000002	-10.3 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.2999995	3.3 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	26.4500008	26.45 ± 0.00390625	~

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

Test Step 2.8 (Repeat Count = 1)			`
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.3		
Prev1SclDrvVel_RadpS_M_f32	-4.21		
Prev2PreAttnComp_MtrNm_M_f32	-2.3		
Prev2SclDrvVel_RadpS_M_f32	-33.32		
ScaledDriverVel_MtrRadpS_T_f32	2562.6		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	656		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	720		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-2.741562052		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.175634		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.8		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.16756		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.77453		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	470.300568	470.3005767 ± 0.0009	•
Prev1PreAttnComp_MtrNm_M_f32	691.936462	691.9364807 ± 0.0009	
Prev1ScIDrvVel_RadpS_M_f32	2562.6001	2562.6 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.2999995	-3.3 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	-4.21000004	-4.21 ± 0.00390625	





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

Test Step 2.9 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.4		
Prev1SclDrvVel_RadpS_M_f32	1234.56		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2SclDrvVel_RadpS_M_f32	4678.14		
ScaledDriverVel_MtrRadpS_T_f32	-2.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	768		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	800		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184534		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.92453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.452345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	21.4257507	21.42575176 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	25.1605148	25.16051583 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	-2.79999995	-2.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.400001	4.4 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	1234.56006	1234.56 ± 0.00390625	~

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

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.4		
Prev1SclDrvVel_RadpS_M_f32	-27.55		
Prev2PreAttnComp_MtrNm_M_f32	-1.7		
Prev2SclDrvVel_RadpS_M_f32	-15		
ScaledDriverVel_MtrRadpS_T_f32	3.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	784		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	880		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.003467		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.1945645		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.9		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.823423		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.6345		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.823069274	-0.82306927 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	-3.34453535	-3.344535448 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	3.5	3.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.4000001	-4.4 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-27.5499992	-27.55 ± 0.00390625	~

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



Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.5		
Prev1ScIDrvVel_RadpS_M_f32	6789.565		
Prev2PreAttnComp_MtrNm_M_f32	1.7		
Prev2SclDrvVel_RadpS_M_f32	5322.14		
ScaledDriverVel_MtrRadpS_T_f32	-3.9		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	944		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	960		
t_FDD_AttenTblY_Uls_u8p8[0]	78		
t_FDD_AttenTblY_Uls_u8p8[1]	80		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.004353		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0016456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.7234		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.36567		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.0503453612	0.050345373 ± 0.00000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.165236056	0.165236095 ± 0.0000009	~
Prev1ScIDrvVel_RadpS_M_f32	-3.9000001	-3.9 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.5	5.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	6789.56494	6789.565 ± 0.00390625	~

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntpivarxY_u16_u16Xu16Y_Cnt	1			

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.5		
Prev1ScIDrvVel_RadpS_M_f32	-37.15		
Prev2PreAttnComp_MtrNm_M_f32	-8.3		
Prev2SclDrvVel_RadpS_M_f32	-42.02		
ScaledDriverVel_MtrRadpS_T_f32	1444.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1008		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1040		
t_FDD_AttenTblY_Uls_u8p8[0]	106		
t_FDD_AttenTblY_Uls_u8p8[1]	109		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005456		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001767		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.65674		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.94645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.619547307	-0.619547276 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-1.45508361	-1.45508351 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	1444.09998	1444.1 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.5	-5.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-37.1500015	-37.15 ± 0.00390625	~

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

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	6.6
Prev1SclDrvVel_RadpS_M_f32	26.1
Prev2PreAttnComp_MtrNm_M_f32	8.3
Prev2SclDrvVel_RadpS_M_f32	17.03
ScaledDriverVel_MtrRadpS_T_f32	-2234.7
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

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Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1088		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1120		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.006363		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2574		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00145		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.55765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.7898		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.8534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.625984669	0.62598471 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	1.22329831	1.223298365 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-2234.69995	-2234.7 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.5999999	6.6 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	26.1000004	26.1 ± 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 2.14 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.6		
Prev1SclDrvVel_RadpS_M_f32	-33.1		
Prev2PreAttnComp_MtrNm_M_f32	-7.5		
Prev2SclDrvVel_RadpS_M_f32	-22.04		
ScaledDriverVel_MtrRadpS_T_f32	1555.6		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1152		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1200		
t_FDD_AttenTblY_Uls_u8p8[0]	157		
t_FDD_AttenTblY_Uls_u8p8[1]	161		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2454		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.160083862		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.44564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53524		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.254		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-18.191328	-18.1913286 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-28.9253426	-28.92534236 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	1555.59998	1555.6 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-6.599999	-6.6 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-33.0999985	-33.1 ± 0.00390625	<b>✓</b>

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

Name	Input Value	
Prev1PreAttnComp MtrNm M f32	7.7	
Prev1ScIDrvVel RadpS M f32	18	
Prev2PreAttnComp MtrNm M f32	7.5	
Prev2ScIDrvVel RadpS M f32	28.01	
ScaledDriverVel_MtrRadpS_T_f32	-5.8	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1232	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1280	
t_FDD_AttenTblY_Uls_u8p8[0]	183	
t_FDD_AttenTblY_Uls_u8p8[1]	185	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00864	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31545	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.411114052	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.3454	

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Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.6353		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.63432		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.29496682	1.294967011 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	1.81153834	1.811538551 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-5.80000019	-5.8 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	7.6999981	7.7 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	18	18 ± 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 2.16 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-7.7		
Prev1SclDrvVel_RadpS_M_f32	-28.02		
Prev2PreAttnComp_MtrNm_M_f32	-6.5		
Prev2SclDrvVel_RadpS_M_f32	-27		
ScaledDriverVel_MtrRadpS_T_f32	6.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1296		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1360		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.009585		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32554		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.1496		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.234535		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.634453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	9.35435		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-3.82750082	-3.827500822 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-4.26017475	-4.260174828 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	6.19999981	6.2 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-7.6999981	-7.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-28.0200005	-28.02 ± 0.00390625	~

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

Test Step 2.17 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1SclDrvVel_RadpS_M_f32	24.06		
Prev2PreAttnComp_MtrNm_M_f32	6.5		
Prev2SclDrvVel_RadpS_M_f32	32.56		
ScaledDriverVel_MtrRadpS_T_f32	-6.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1344		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1440		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00365		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.26745		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00006456		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.5525885		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.4564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.134534		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	0.371916622	0.371916637 ± 0.0000009	•
Prev1PreAttnComp_MtrNm_M_f32	1.34099519	1.340995197 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	-6.30000019	-6.3 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	24.0599995	24.06 ± 0.00390625	



Test Step Call Trace				<b>√</b>
Actual Function	Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 2.18 (Repeat Count = 1)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1SclDrvVel_RadpS_M_f32	-16.05		
Prev2PreAttnComp_MtrNm_M_f32	-4.5		
Prev2SclDrvVel_RadpS_M_f32	-25.25		
ScaledDriverVel_MtrRadpS_T_f32	7.4		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1520		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1568		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01423		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0014534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.9498924		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4535		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.34564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.164055958	0.164056011 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	0.488352627	0.488352776 ± 0.0000009	~
Prev1SclDrvVel_RadpS_M_f32	7.4000001	7.4 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-16.0499992	-16.05 ± 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 2.19 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1SclDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2SclDrvVel_RadpS_M_f32	97		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.44737673	1.447376757 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.25024962	3.25024956 ± 0.000009	~
Prev1ScIDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	100.040001	100.04 ± 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 2.20 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-2.5		
Prev1SclDrvVel_RadpS_M_f32	-69.4		
Prev2PreAttnComp_MtrNm_M_f32	-3.5		
Prev2SclDrvVel_RadpS_M_f32	-59.65		
ScaledDriverVel_MtrRadpS_T_f32	1500.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1680		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03452		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00053453		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.6345		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9996842		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.84563		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.45213747	-2.452137655 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-4.51616669	-4.516167192 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	1500.02002	1500.02 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	-69.4000015	-69.4 ± 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 2.21 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1SclDrvVel_RadpS_M_f32	-49.65		
Prev2PreAttnComp_MtrNm_M_f32	-2.4		
Prev2ScIDrvVel_RadpS_M_f32	-36.5		
ScaledDriverVel_MtrRadpS_T_f32	2500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1728		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1760		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.043453		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00135		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.73453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.8417266		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.2325		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.778024733	-0.778024749 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-3.01779294	-3.017792967 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	2500.06006	2500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-49.6500015	-49.65 ± 0.00390625	~

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

Test Step 2.22 (Repeat Count = 1)  ✓		
Name	Input Value	
Prev1PreAttnComp_MtrNm_M_f32	4.5	
Prev1SclDrvVel_RadpS_M_f32	22.54	
Prev2PreAttnComp_MtrNm_M_f32	2.4	
Prev2SclDrvVel_RadpS_M_f32	11	
ScaledDriverVel_MtrRadpS_T_f32	-2500.08	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1776		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1840		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.05342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0004234		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.845555		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5474		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	2.5159831	2.515983222 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.37220788	3.372207879 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	-2500.08008	-2500.08 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	4.5	4.5 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	22.5400009	22.54 ± 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 2.23 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-4.5		
Prev1SclDrvVel_RadpS_M_f32	-48.54		
Prev2PreAttnComp_MtrNm_M_f32	-1.1		
Prev2SclDrvVel_RadpS_M_f32	-38.54		
ScaledDriverVel_MtrRadpS_T_f32	3500.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	160		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1920		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01123		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00023453		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.95464		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.345345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.0504234		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-9.47003937	-9.470039831 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.1436405	-10.14364099 ± 0.00009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	3500.06006	3500.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5	-4.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-48.5400009	-48.54 ± 0.00390625	~

Test Step Call Trace				<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	6.5	
Prev1SclDrvVel_RadpS_M_f32	163.65	
Prev2PreAttnComp_MtrNm_M_f32	1.1	
Prev2SclDrvVel_RadpS_M_f32	175	
ScaledDriverVel_MtrRadpS_T_f32	-3.02	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	176	
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2000	
t_FDD_AttenTblY_Uls_u8p8[0]	49	
t_FDD_AttenTblY_Uls_u8p8[1]	51	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02123	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.31564	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	2.1	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.05678	





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53454		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	10.6056849		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.37899768	1.378997719 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	7.20455933	7.204559509 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-3.01999998	-3.02 ± 0.00390625	<b>✓</b>
Prev2PreAttnComp_MtrNm_M_f32	6.5	6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	163.649994	163.65 ± 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 2.25 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-6.5		
Prev1ScIDrvVel_RadpS_M_f32	-90.36		
Prev2PreAttnComp_MtrNm_M_f32	-8.1		
Prev2ScIDrvVel_RadpS_M_f32	-120.23		
ScaledDriverVel_MtrRadpS_T_f32	4.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	192		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2080		
t_FDD_AttenTblY_Uls_u8p8[0]	65		
t_FDD_AttenTblY_Uls_u8p8[1]	68		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3245		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.3		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.1345		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.64584		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.11698532	-2.116985416 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.33766556	-8.337665637 ± 0.000009	•
Prev1SclDrvVel_RadpS_M_f32	4.099999	4.1 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-6.5	-6.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	-90.3600006	-90.36 ± 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 2.26 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.5		
Prev1ScIDrvVel_RadpS_M_f32	100.04		
Prev2PreAttnComp_MtrNm_M_f32	4.5		
Prev2ScIDrvVel_RadpS_M_f32	-12917.3		
ScaledDriverVel_MtrRadpS_T_f32	-7.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1552		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	1600		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000745		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.453723		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.5345		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.94534		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	16.6205254	16.62052631 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	37.3232841	37.32328714 ± 0.00009	•
Prev1SclDrvVel_RadpS_M_f32	-7.5	-7.5 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	2.5	2.5 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	100.040001	100.04 ± 0.00390625	

Test Step Call Trace
Actual Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt



Count Result

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 2.27 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-7.5		
Prev1SclDrvVel_RadpS_M_f32	250.45		
Prev2PreAttnComp_MtrNm_M_f32	-7.7		
Prev2SclDrvVel_RadpS_M_f32	12917.3		
ScaledDriverVel_MtrRadpS_T_f32	-39.07		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	224		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2240		
t_FDD_AttenTblY_Uls_u8p8[0]	116		
t_FDD_AttenTblY_Uls_u8p8[1]	118		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.25856		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.65		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.734		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.245645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-11.8644609	-11.86446038 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-26.1836376	-26.18363669 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	-39.0699997	-39.07 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-7.5	-7.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	250.449997	250.45 ± 0.00390625	~

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.28 (Repeat Count = 1)	Input Value		
	8.5		
Prev1PreAttnComp_MtrNm_M_f32	5000.65		
Prev1ScIDrvVel_RadpS_M_f32	7.7		
Prev2PreAttnComp_MtrNm_M_f32			
Prev2SclDrvVel_RadpS_M_f32	0		
ScaledDriverVel_MtrRadpS_T_f32	6075.09		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2320		
t_FDD_AttenTblY_Uls_u8p8[0]	144		
t_FDD_AttenTblY_Uls_u8p8[1]	146		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.259346		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.35		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.84764		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.365		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	452.265015	452.2649718 ± 0.0009	•
Prev1PreAttnComp_MtrNm_M_f32	793.012634	793.0125532 ± 0.0009	•
Prev1SclDrvVel_RadpS_M_f32	6075.08984	6075.09 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	8.5	8.5 ± 0.00048828125	•
Prev2ScIDrvVel RadpS M f32	5000.6499	5000.65 ± 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 2.29 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.5		
Prev1SclDrvVel_RadpS_M_f32	-26.65		
Prev2PreAttnComp_MtrNm_M_f32	-6.6		
Prev2SclDrvVel_RadpS_M_f32	-10.12		
ScaledDriverVel_MtrRadpS_T_f32	6.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	256		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2400		
t_FDD_AttenTblY_Uls_u8p8[0]	172		
t_FDD_AttenTblY_Uls_u8p8[1]	174		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.268567		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.24		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.5768		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.000456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.4766		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-5.66504765	-5.665048067 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-8.4316988	-8.431699448 ± 0.000009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	6.0199998	6.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-8.5	-8.5 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	-26.6499996	-26.65 ± 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	1.3		
Prev1SclDrvVel_RadpS_M_f32	18.6		
Prev2PreAttnComp_MtrNm_M_f32	6.6		
Prev2SclDrvVel_RadpS_M_f32	10.25		
ScaledDriverVel_MtrRadpS_T_f32	-6.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	272		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2480		
t_FDD_AttenTblY_Uls_u8p8[0]	218		
t_FDD_AttenTblY_Uls_u8p8[1]	220		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27443		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.389		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.96456		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.57686		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-0.33675155	-0.336751733 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	-0.395451367	-0.395451576 ± 0.0000009	~
Prev1ScIDrvVel_RadpS_M_f32	-6.05999994	-6.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.2999995	1.3 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	18.6000004	18.6 ± 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 2.31 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	1.3
Prev1SclDrvVel_RadpS_M_f32	-12917.3
Prev2PreAttnComp_MtrNm_M_f32	-5.5
Prev2ScIDrvVel_RadpS_M_f32	-900.36
ScaledDriverVel_MtrRadpS_T_f32	-4.02
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	288		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2560		
t_FDD_AttenTblY_Uls_u8p8[0]	63		
t_FDD_AttenTblY_Uls_u8p8[1]	66		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.78		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.6786		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0.722379088	0.722378984 ± 0.0000009	~
Prev1PreAttnComp_MtrNm_M_f32	2.93538165	2.935381268 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-4.01999998	-4.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	1.29999995	1.3 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-12917.2998	-12917.3 ± 0.00390625	~

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

Test Step 2.32 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	2.3		
Prev1SclDrvVel_RadpS_M_f32	12917.3		
Prev2PreAttnComp_MtrNm_M_f32	5.5		
Prev2SclDrvVel_RadpS_M_f32	-2000.1		
ScaledDriverVel_MtrRadpS_T_f32	-1.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	304		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2640		
t_FDD_AttenTblY_Uls_u8p8[0]	78		
t_FDD_AttenTblY_Uls_u8p8[1]	80		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00945		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.000654		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.02		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-4.873453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.15645		
Name	Actual Value Expe	ected Value	Result
GenFddlcCmd()	1.61534405 1.6153	344 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	5.30164194 5.3016	641847 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-1.04999995 -1.05 :	± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	2.29999995 2.3 ± 0	0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	12917.2998 12917	7.3 ± 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 2.33 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.3
Prev1ScIDrvVel_RadpS_M_f32	0
Prev2PreAttnComp_MtrNm_M_f32	-4.4
Prev2SclDrvVel_RadpS_M_f32	3000
ScaledDriverVel_MtrRadpS_T_f32	2.06
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1760
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2720
t_FDD_AttenTblY_Uls_u8p8[0]	106
t_FDD_AttenTblY_Uls_u8p8[1]	109
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01324
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3056
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	1.32
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.9454





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.96688271	-2.966882443 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-7.1653018	-7.165300993 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	2.0599994	2.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.2999995	-2.3 ± 0.00048828125	<b>✓</b>
Prev2ScIDrvVel_RadpS_M_f32	0	0 ± 0.00390625	~

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

Test Step 2.34 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	3.4		
Prev1ScIDrvVel_RadpS_M_f32	-2000.02		
Prev2PreAttnComp_MtrNm_M_f32	4.4		
Prev2SclDrvVel_RadpS_M_f32	-3000.4		
ScaledDriverVel_MtrRadpS_T_f32	-2.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1920		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2800		
t_FDD_AttenTblY_Uls_u8p8[0]	129		
t_FDD_AttenTblY_Uls_u8p8[1]	131		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.004678		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0018576		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.04564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.84534		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	6.05533695	6.055336888 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	12.0167923	12.01679258 ± 0.00009	~
Prev1ScIDrvVel_RadpS_M_f32	-2.04999995	-2.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	3.4000001	3.4 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	-2000.02002	-2000.02 ± 0.00390625	~

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

Test Step 2.35 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.4		
Prev1ScIDrvVel_RadpS_M_f32	2000.03		
Prev2PreAttnComp_MtrNm_M_f32	-3.3		
Prev2SclDrvVel_RadpS_M_f32	4000.6		
ScaledDriverVel_MtrRadpS_T_f32	-350.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2880		
t_FDD_AttenTblY_Uls_u8p8[0]	157		
t_FDD_AttenTblY_Uls_u8p8[1]	161		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.04784		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001645		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.14564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.3453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.9345		
Name	Actual Value	Expected Value	Resul
GenFddlcCmd()	-4.80776691	-4.807766498 ± 0.000009	•
Prev1PreAttnComp_MtrNm_M_f32	-7.64464808	-7.64464735 ± 0.000009	
Prev1SclDrvVel_RadpS_M_f32	-350.019989	-350.02 ± 0.00390625	•
Prev2PreAttnComp_MtrNm_M_f32	-3.4000001	-3.4 ± 0.00048828125	•
Prev2SclDrvVel RadpS M f32	2000.03003	2000.03 ± 0.00390625	



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

Test Step 2.36 (Repeat Count = 1)			V
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-8.8		
Prev1ScIDrvVel_RadpS_M_f32	-1000.4		
Prev2PreAttnComp_MtrNm_M_f32	-5.5		
Prev2ScIDrvVel_RadpS_M_f32	-7500.6		
ScaledDriverVel_MtrRadpS_T_f32	-3.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	2960		
t_FDD_AttenTblY_Uls_u8p8[0]	183		
t_FDD_AttenTblY_Uls_u8p8[1]	185		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.044564		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.32555		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.002342		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.2454		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.53453		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.3423		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-3.7178309	-3.71783362 ± 0.000009	-
Prev1PreAttnComp_MtrNm_M_f32	-5.20090008	-5.200903862 ± 0.000009	-
Prev1SclDrvVel_RadpS_M_f32	-3.04999995	-3.05 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	-8.80000019	-8.8 ± 0.00048828125	-
Prev2SclDrvVel_RadpS_M_f32	-1000.40002	-1000.4 ± 0.00390625	<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 2.37 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	8.8		
Prev1SclDrvVel_RadpS_M_f32	980.6		
Prev2PreAttnComp_MtrNm_M_f32	-2.2		
Prev2SclDrvVel_RadpS_M_f32	6500.85		
ScaledDriverVel_MtrRadpS_T_f32	4.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3040		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330264		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0025235		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.3675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.4234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.13453		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	5.50454187	5.5045434 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	6.12679434	6.126796132 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	4.05000019	4.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	8.80000019	8.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	980.599976	980.6 ± 0.00390625	~

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





Test Step 2.38 (Repeat Count = 1)			✓
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	0		
Prev1ScIDrvVel_RadpS_M_f32	-1000		
Prev2PreAttnComp_MtrNm_M_f32	2.2		
Prev2SclDrvVel_RadpS_M_f32	-5000.41		
ScaledDriverVel_MtrRadpS_T_f32	-4.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2560		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3120		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.042342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27566		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.001535		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.456		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.42342		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.99402881	-2.994028926 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-10.7953711	-10.7953719 ± 0.00009	~
Prev1ScIDrvVel_RadpS_M_f32	-4.80000019	-4.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	0	0 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-1000	-1000 ± 0.00390625	•

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

Test Step 2.39 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.25		
Prev1SclDrvVel_RadpS_M_f32	1500.05		
Prev2PreAttnComp_MtrNm_M_f32	-1.1		
Prev2SclDrvVel_RadpS_M_f32	6000.69		
ScaledDriverVel_MtrRadpS_T_f32	5.9		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2720		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3200		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.053453		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.284564		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0012342		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.56575		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.32786		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.2564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.06544733	4.06544767986332 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	12.1017971	12.1017977447094 ± 0.00009	~
Prev1ScIDrvVel_RadpS_M_f32	5.9000001	5.9 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.25	-5.25 ± 0.00048828125	~
Prev2ScIDrvVel_RadpS_M_f32	1500.05005	1500.05 ± 0.00390625	~

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

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	5.25
Prev1ScIDrvVel_RadpS_M_f32	2500.06
Prev2PreAttnComp_MtrNm_M_f32	1.1
Prev2SclDrvVel_RadpS_M_f32	9000.45
ScaledDriverVel_MtrRadpS_T_f32	2557
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2880		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3280		
t_FDD_AttenTblY_Uls_u8p8[0]	114		
t_FDD_AttenTblY_Uls_u8p8[1]	116		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.01324		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2956		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0006345		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.6786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.3123		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.5564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	45.0379448	45.0379399696766 ± 0.00009	•
Prev1PreAttnComp_MtrNm_M_f32	99.3940811	99.3940744158379 ± 0.00009	•
Prev1SclDrvVel_RadpS_M_f32	2557	2557 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.25	5.25 ± 0.00048828125	•
Prev2ScIDrvVel RadpS M f32	2500.06006	2500.06 ± 0.00390625	~

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

Test Step 2.41 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	4.6		
Prev1SclDrvVel_RadpS_M_f32	-1500.06		
Prev2PreAttnComp_MtrNm_M_f32	-8.8		
Prev2SclDrvVel_RadpS_M_f32	-9000.11		
ScaledDriverVel_MtrRadpS_T_f32	1646.7		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	3040		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3360		
t_FDD_AttenTblY_Uls_u8p8[0]	136		
t_FDD_AttenTblY_Uls_u8p8[1]	139		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0063		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.11345		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000234		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.7765		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.34534		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.73523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-4.42373562	-4.423735974 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	-8.14731121	-8.147312297 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	1646.69995	1646.7 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	4.599999	4.6 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-1500.06006	-1500.06 ± 0.00390625	~

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

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-4.6
Prev1SclDrvVel_RadpS_M_f32	600.07
Prev2PreAttnComp_MtrNm_M_f32	8.8
Prev2SclDrvVel_RadpS_M_f32	9900.65
ScaledDriverVel_MtrRadpS_T_f32	-6.8
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.00745
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.15645
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.25
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.84564





Name	Input Value		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.4342		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.845		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-1.46749699	-1.467496866 ± 0.000009	<b>✓</b>
Prev1PreAttnComp_MtrNm_M_f32	-5.96316242	-5.96316187 ± 0.000009	<b>✓</b>
Prev1ScIDrvVel_RadpS_M_f32	-6.80000019	-6.8 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-4.5999999	-4.6 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel_RadpS_M_f32	600.070007	600.07 ± 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 2.43 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	5.7		
Prev1SclDrvVel_RadpS_M_f32	5000		
Prev2PreAttnComp_MtrNm_M_f32	0		
Prev2SclDrvVel_RadpS_M_f32	8000.65		
ScaledDriverVel_MtrRadpS_T_f32	2412.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2080		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3520		
t_FDD_AttenTblY_Uls_u8p8[0]	189		
t_FDD_AttenTblY_Uls_u8p8[1]	191		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.02342		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.001234		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.00024378		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.94564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.84564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.93453		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-14.621316	-14.62131553 ± 0.00009	~
Prev1PreAttnComp_MtrNm_M_f32	-19.5971565	-19.59715589 ± 0.00009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	2412.05005	2412.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	5.69999981	5.7 ± 0.00048828125	✓
Prev2SclDrvVel_RadpS_M_f32	5000	5000 ± 0.00390625	~

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

Test Step 2.44 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-5.7		
Prev1SclDrvVel_RadpS_M_f32	-9000.015		
Prev2PreAttnComp_MtrNm_M_f32	-5.25		
Prev2SclDrvVel_RadpS_M_f32	-6000.12		
ScaledDriverVel_MtrRadpS_T_f32	-23.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2240		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3600		
t_FDD_AttenTblY_Uls_u8p8[0]	237		
t_FDD_AttenTblY_Uls_u8p8[1]	239		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.03234		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0156		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.36		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.0674		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.458349		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.143		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	3.19451404	3.19451007405634 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.45061421	3.45061003779925 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-23.0200005	-23.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-5.69999981	-5.7 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	-9000.01465	-9000.015 ± 0.00390625	-



Count Result

GenFddlcCmd

Test Step Call Trace
Actual Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

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	6.8		
Prev1SclDrvVel_RadpS_M_f32	600.09		
Prev2PreAttnComp_MtrNm_M_f32	5.25		
Prev2ScIDrvVel_RadpS_M_f32	9000.62		
ScaledDriverVel_MtrRadpS_T_f32	34.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	2400		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	230		
t_FDD_AttenTblY_Uls_u8p8[1]	232		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00645		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16777		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.54		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.14564		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.864935		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.74564		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	9.78774643	9.78774586664643 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	10.894187	10.8941867037456 ± 0.00009	~
Prev1SclDrvVel_RadpS_M_f32	34.0600014	34.06 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	6.80000019	6.8 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	600.090027	600.09 ± 0.00390625	~

Count Expected Function

IntplVarXY\_u16\_u16Xu16Y\_Cnt

Test Step 2.46 (Repeat Count = 1)			
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	1.5		
Prev1ScIDrvVel_RadpS_M_f32	-400.05		
Prev2PreAttnComp_MtrNm_M_f32	6.8		
Prev2ScIDrvVel_RadpS_M_f32	-7235.12		
ScaledDriverVel_MtrRadpS_T_f32	45.06		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	0		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	0		
t_FDD_AttenTblY_Uls_u8p8[0]	71		
t_FDD_AttenTblY_Uls_u8p8[1]	74		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.005534		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.27344		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.000534		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.3678		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.24234		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.54523		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	-2.39375806	-2.393758233 ± 0.000009	-
Prev1PreAttnComp_MtrNm_M_f32	-8.28110886	-8.281109564 ± 0.000009	-
Prev1SclDrvVel_RadpS_M_f32	45.0600014	45.06 ± 0.00390625	-
Prev2PreAttnComp_MtrNm_M_f32	1.5	1.5 ± 0.00048828125	<b>✓</b>
Prev2SclDrvVel RadpS M f32	-400.049988	-400.05 ± 0.00390625	•

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





Test Step 2.47 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-1.5		
Prev1SclDrvVel_RadpS_M_f32	289.65		
Prev2PreAttnComp_MtrNm_M_f32	-5.2		
Prev2SclDrvVel_RadpS_M_f32	8563.3		
ScaledDriverVel_MtrRadpS_T_f32	-4.05		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	17600		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	17600		
t_FDD_AttenTblY_Uls_u8p8[0]	86		
t_FDD_AttenTblY_Uls_u8p8[1]	88		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00634		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.28546		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.14		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.4786		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.9789		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.757645		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	1.24506903	1.245069116 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	3.7062521	3.706252252 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	-4.05000019	-4.05 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-1.5	-1.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	289.649994	289.65 ± 0.00390625	~

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

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

Test Step 2.49 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	-2.5
Prev1SclDrvVel_RadpS_M_f32	-2341.03
Prev2PreAttnComp_MtrNm_M_f32	-2.3
Prev2ScIDrvVel_RadpS_M_f32	9782.2
ScaledDriverVel_MtrRadpS_T_f32	4585.02
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str

GenFddlcCmd



Name	Input Value		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1616		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3680		
t_FDD_AttenTblY_Uls_u8p8[0]	0		
t_FDD_AttenTblY_Uls_u8p8[1]	0		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00745		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.2945		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.38		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.65675		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.78987		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.3242		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	0	0 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	132.005234	132.0052327 ± 0.0009	<b>✓</b>
Prev1SclDrvVel_RadpS_M_f32	4585.02002	4585.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-2.5	-2.5 ± 0.00048828125	✓
Prev2SclDrvVel RadpS M f32	-2341.03003	-2341.03 ± 0.00390625	<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)			<b>✓</b>
Name	Input Value		
Prev1PreAttnComp_MtrNm_M_f32	-3.5		
Prev1SclDrvVel_RadpS_M_f32	500.012		
Prev2PreAttnComp_MtrNm_M_f32	2.3		
Prev2ScIDrvVel_RadpS_M_f32	12000		
ScaledDriverVel_MtrRadpS_T_f32	3.02		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
t_FDD_AttenTblX_MtrRadpS_u12p4[0]	1632		
t_FDD_AttenTblX_MtrRadpS_u12p4[1]	3696		
t_FDD_AttenTblY_Uls_u8p8[0]	256		
t_FDD_AttenTblY_Uls_u8p8[1]	256		
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00845		
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.3036		
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.5		
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.745		
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.64564		
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67452		
Name	Actual Value	Expected Value	Result
GenFddlcCmd()	4.95908308	4.959080803 ± 0.000009	~
Prev1PreAttnComp_MtrNm_M_f32	4.95908308	4.959080803 ± 0.000009	~
Prev1SclDrvVel_RadpS_M_f32	3.0199998	3.02 ± 0.00390625	~
Prev2PreAttnComp_MtrNm_M_f32	-3.5	-3.5 ± 0.00048828125	~
Prev2SclDrvVel_RadpS_M_f32	500.011993	500.012 ± 0.00390625	~

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

Test Step 2.51 (Repeat Count = 1)	
Name	Input Value
Prev1PreAttnComp_MtrNm_M_f32	4.5
Prev1SclDrvVel_RadpS_M_f32	385.032
Prev2PreAttnComp_MtrNm_M_f32	-1.7
Prev2SclDrvVel_RadpS_M_f32	-10712.32
ScaledDriverVel_MtrRadpS_T_f32	-7.02
filtCoef_Uls_T_Str	tgt_filtCoef_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	-0.00945
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.30564
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.62
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.8453

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GenFddlcCmd

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

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

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FilterCoefCalc

Project FDD\_Inertia

Module FDD\_Inertia\_FLTINJ

Test Object FilterCoefCalc

#### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



#### **Module Properties**

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

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c
	Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16
	Unit Test Plan Version: 6 Optimization Level: Level 2
	Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994
	Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014
	Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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



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

#### Specification

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

CPU Cycles:

1246.00 Cycles 1292.00 Cycles 1292.00 Cycles 1281.00 Cycles 1281.00 Cycles 1258.00 Cycles 1292.00 Cycles TS1.1 TS1.2 TS1.3 TS1.4 TS1.6 TS1.7 1292.00 Cycles 1281.00 Cycles 1246.00 Cycles 1258.00 Cycles 1272.00 Cycles 1281.00 Cycles 1246.00 Cycles 1660.00 Cycles TS1.8 TS1.9 TS1.10 TS1.11 TS1.11 TS1.12 TS1.13 TS1.14 TS1.15 TS1.16 TS1.17 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles 1281.00 Cycles
1281.00 Cycles
1281.00 Cycles
1292.00 Cycles
1281.00 Cycles
1281.00 Cycles
1281.00 Cycles
1292.00 Cycles
1292.00 Cycles
1292.00 Cycles
1292.00 Cycles
1292.00 Cycles
1292.00 Cycles
1281.00 Cycles
1281.00 Cycles
1281.00 Cycles
1281.00 Cycles TS1.18 TS1.19 TS1.20 TS1.21 TS1.22 TS1.23 TS1.26 TS1.27 TS1.28 TS1.29 TS1.30 TS1.31 TS1.32

#### Description

#### Vector Description

TS1.1 All min TS1.2 All max TS1.3 ADDCoef_MtrNmSpRad_T_f32 min TS1.4 ADDCoef_MtrNmSpRad_T_f32 max TS1.5 ADDCoef_MtrNmSpRad_T_f32 max TS1.5 ADDCoef_MtrNmSpRad_T_f32 pos TS1.6 VehicleSpeed2_Kph_T_f32 min TS1.7 VehicleSpeed2_Kph_T_f32 max TS1.8 VehicleSpeed2_Kph_T_f32 max TS1.8 VehicleSpeed2_Kph_T_f32 max TS1.9 WIRCmdAmpBInd1_MtrNm_T_f32 min TS1.10 WIRCmdAmpBInd1_MtrNm_T_f32 pos TS1.11 WIRCmdAmpBInd1_MtrNm_T_f32 pos TS1.12 t_CmnVehSpd_Kph_u9p7[12] min TS1.13 t_CmnVehSpd_Kph_u9p7[12] max TS1.14 t_CmnVehSpd_Kph_u9p7[12] pos TS1.15 t2_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.16 t2_FDD_FreqTbIYM1_Hz_u12p4[12] max TS1.16 t2_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.18 t2_FDD_FreqTbIYM1_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.19 t2_FDD_FreqTbIYM2_Hz_u12p4[12] min TS1.20 t2_FDD_FreqTbIYM2_Hz_u12p4[12] pos TS1.21 t_WIRBIndTbiX_MtrNm_u8p8[5] max t_WIRBIndTbiX_MtrNm_u8p8[5] max t_WIRBIndTbiX_MtrNm_u8p8[5] max t_WIRBIndTbiX_MtrNm_u8p8[5] pos			
TS1.25 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] max TS1.26 t_DmpFiltKpWIRBIndY_Uls_u2p14[5] pos TS1.27 t_InrtCmp_ScaleFactorTblY_Uls_u9p7[12] min			
TS1.28 t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[12] max TS1.29 t_InrtCmp_ScaleFactorTbIY_UIs_u9p7[12] pos TS1.30 k_InrtCmp_MtrInertia_KgmSq_f32 min TS1.31 k_InrtCmp_MtrInertia_KgmSq_f32 max TS1.32 k_InrtCmp_MtrInertia_KgmSq_f32 pos			
Test Step 1.1 (Repeat Count = 1)	<b>✓</b>		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0		
VehicleSpeed_Kph_T_f32	0		
WIRCmdAmpBind_MtrNm_T_f32	0		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][8]	16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	16		

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Name	Input Value		
t2 FDD FreqTblYM Hz u12p4[0][11]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t_CmnVehSpd_Kph_u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t_CmnVehSpd_Kph_u9p7[10]	0		
t CmnVehSpd Kph u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWlRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	0		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWlRBlndY_Uls_u2p14[4]	0		
	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[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		
	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] t InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0] t_WIRBIndTbIX_MtrNm_u8p8[1]	0		
	0		
t_WIRBIndTblX_MtrNm_u8p8[2]	0		
t_WIRBIndTblX_MtrNm_u8p8[3]	0		
t_WIRBIndTbIX_MtrNm_u8p8[4]		Francis (22)	
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	<u> </u>
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0	0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.94989252	3.949892431 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99968433	-7.999684173 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.05042315	4.050423396 ± 0.000009	<u> </u>

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

Test Step 1.2 (Repeat Count = 1)		<b>✓</b>
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0.041306	
VehicleSpeed_Kph_T_f32	511.9921875	
WIRCmdAmpBInd_MtrNm_T_f32	8.8	
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.0005	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1600	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1600	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1600	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1600	

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Input Value		
1600		
1600		
1600		
1600		
1600		
1600		
1600		
1600		
	Expected Value	Resul
	· ·	Resul
0.552588403	0.552588458 ± 0.0000009	
-4.8417263	-4.841726592 ± 0.000009	
	1600 1600 1600 1600 1600 1600 1600 1600	1600 1600 1600 1600 1600 1600 1600 1600

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4	<b>✓</b>

Test Step 1.3 (Repeat Count = 1)	✓
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0
VehicleSpeed_Kph_T_f32	100.02

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Name	Input Value		
WIRCmdAmpBInd_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00002		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80 96		
t2_FDD_FreqTbIYM_Hz_u12p4[0][5] t2_FDD_FreqTbIYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTbIYM_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_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]	768		
t_CmnVehSpd_Kph_u9p7[5]	896		
t_CmnVehSpd_Kph_u9p7[6] t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_UIs_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]	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]	282 307		
t_WIRBIndTbIX_MtrNm_u8p8[1]	333		
t_WIRBIndTbIX_MtrNm_u8p8[2] t_WIRBIndTbIX_MtrNm_u8p8[3]	358		
t_WirBindTbiX_MtrNm_u8p8[4]	384		
	Actual Value	Expected Value	Poor
Name tot filtCoof Lile T. Str.b0 Lile f32		Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00059381465 0	-0.000593815 ± 0.0000000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32		0 ± 0.000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.00059381465 3.39635515	$0.000593815 \pm 0.0000000009$ $3.39635548 \pm 0.000009$	
tgt_int0001_015_1_0tf.a0_015_102	3.39033313		•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.95065212	-7.950651978 ± 0.000009	

Test Step Call Trace					V
Actual Function	Count	Expected Function	Count	Res	ult
IntplVarXY_u16_u16Xu16Y_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4		<b>~</b>



Test Step 1.4 (Repeat Count = 1) Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.041306		
VehicleSpeed_Kph_T_f32	200.06		
WIRCmdAmpBlnd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][6] t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128 144		
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] t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192 208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	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 3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0] t DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t DmpFiltKpWIRBIndY Uls u2p14[1]	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_UIs_u9p7[10]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11] t_WIRBIndTblX_MtrNm_u8p8[0]	166 538		
t_WIRBIndTbIX_MtrNm_u8p8[1]	563		
t_WIRBIndTblX_MtrNm_u8p8[2]	589		
t_WIRBIndTbIX_MtrNm_u8p8[3]	614		
t_WIRBIndTbIX_MtrNm_u8p8[4]	640		
Name	Actual Value	Expected Value	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.170364141	-0.170364138 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.330448002	0.330448 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.16008386	-0.160083862 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.36400986	3.364009947 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94497013	-7.944970142 ± 0.000009	

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Name	Actual Value	Expected Value	Result
tot filtCoef Uls T Str.a2 Uls f32	4.69101954	4.691019911 ± 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	~

Test Step 1.5 (Repeat Count = 1)	
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.02
VehicleSpeed_Kph_T_f32	300.08
WIRCmdAmpBInd_MtrNm_T_f32	0.5
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00004
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	128
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	224
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	128
t2 FDD FregTblYM Hz u12p4[1][5]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160
t2 FDD FregTblYM 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
	7680
t_CmnVehSpd_Kph_u9p7[7] 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

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Name	Input Value		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0846711174	-0.084671116 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.16 ± 0.0000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0753288791	-0.075328884 ± 0.00000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.31349587	3.313495926 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.9354167	-7.935416577 ± 0.000009	<b>~</b>
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.75108767	4.751087497 ± 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	~

Test Step 1.6 (Repeat Count = 1)	
Name	Innuit Value
	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.001
VehicleSpeed_Kph_T_f32	
WIRCmdAmpBInd_MtrNm_T_f32	6.5
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00005
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	80
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	144 160
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176 192
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	
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 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]	
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	160
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224 240
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	128
t_CmnVehSpd_Kph_u9p7[0]	256
t_CmnVehSpd_Kph_u9p7[1]	384
t_CmnVehSpd_Kph_u9p7[2]	512
t_CmnVehSpd_Kph_u9p7[3]	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
t_CmnVehSpd_Kph_u9p7[11]	1536
t_DmpFiltKpWlRBlndY_Uls_u2p14[0]	6554
t_DmpFiltKpWlRBlndY_Uls_u2p14[1]	8192
	9830
t_DmpFiltKpWIRBIndY_Uls_u2p14[2] 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 IntCmp ScaleFactorTblY Uls u9p7[7]	141
t InrtCmp ScaleFactorTblY Uls u9p7[8]	154
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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.00400001789	-0.004000018 ± 0.000000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0080000038	0.008 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00399998249	-0.003999982 ± 0.000000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.76236439	3.76236461 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99272346	-7.992723375 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.24491215	4.244912015 ± 0.000009	<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	_

Test Step 1.7 (Repeat Count = 1)	
Name	Input Value
ADDCoef MtrNmSpRad T f32	0.002
VehicleSpeed Kph T f32	511.9921875
WIRCmdAmpBInd MtrNm T f32	5.5
filtCoef Uls T Str	tgt filtCoef Uls T Str
k InrtCmp MtrInertia KgmSq f32	0.00006
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80
t2 FDD FreqTbIYM Hz u12p4[0][1]	96
t2 FDD FreqTbIYM Hz u12p4[0][1]	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_FreqTbIYM_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][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	256
t2 FDD FreqTblYM Hz u12p4[1][0]	96
t2 FDD FreqTbIYM Hz u12p4[1][0]	112
	112
t2_FDD_FreqTblYM_Hz_u12p4[1][2] t2_FDD_FreqTblYM_Hz_u12p4[1][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	160
t2_FDD_FreqTbiYM_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

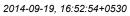
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Name	Input Value		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0128454715	-0.012845471 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0160000008	0.016 ± 0.00000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00315452972	-0.003154529 ± 0.000000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.1956141	3.195613973 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.90979624	-7.909796293 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.89459038	4.894589734 ± 0.000009	~

Test Step Call Trace				•		
	Actual Function	Count	Expected Function	Count	Resul	t
	IntplVarXY u16 u16Xu16Y Cnt	4	IntplVarXY u16 u16Xu16Y Cnt	4		,

T 404 404D 40 44	
Test Step 1.8 (Repeat Count = 1) Name	Innut Value
	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.003
VehicleSpeed_Kph_T_f32	255.25
WIRCmdAmpBind_MtrNm_T_f32	3.6
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00007
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	112
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	128
t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	144
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	160
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	192
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512
t_CmnVehSpd_Kph_u9p7[0]	12800
t_CmnVehSpd_Kph_u9p7[1]	12928
t_CmnVehSpd_Kph_u9p7[2]	13056
t_CmnVehSpd_Kph_u9p7[3]	13184
t_CmnVehSpd_Kph_u9p7[4]	13312
t_CmnVehSpd_Kph_u9p7[5]	13440
t_CmnVehSpd_Kph_u9p7[6]	13568
t_CmnVehSpd_Kph_u9p7[7]	13696
t_CmnVehSpd_Kph_u9p7[8]	13824
t_CmnVehSpd_Kph_u9p7[9]	13952
t_CmnVehSpd_Kph_u9p7[10]	14080
t_CmnVehSpd_Kph_u9p7[11]	14208





Name	Input Value		
t_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	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.022498928	-0.0224989261685139 ± 0.00000009	-
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0240000002	0.024 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.00150107313	-0.00150107383148608 ± 0.000000009	-
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.12415075	3.12415079635252 ± 0.000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.89191246	-7.89191237196188 ± 0.000009	-
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.98393726	4.98393683168561 ± 0.000009	<b>✓</b>

Test Step Call Trace			<b>✓</b>		
<b>Actual Function</b>		Count	Expected Function	Count	Result
IntplVarXY_u16_u16Xu16Y	_Cnt	4	IntplVarXY_u16_u16Xu16Y_Cnt	4	~

Test Step 1.9 (Repeat Count = 1)	🗸
Name	Input Value
ADDCoef MtrNmSpRad T f32	0.004
VehicleSpeed_Kph_T_f32	16.25
WIRCmdAmpBInd_MtrNm_T_f32	0
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00008
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	432
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	448
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	464
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	480
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	496
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	512
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752
t2_FDD_FreqTbIYM_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

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Input Value		
16128		
16256		
16384		
16512		
16640		
16768		
16896		
3277		
4915		
6554		
8192		
9830		
179		
192		
205		
218		
230		
243		
256		
269		
282		
294		
307		
320		
1766		
1792		
1818		
1843		
1869		
Actual Value	Expected Value	Result
-0.0280437507	-0.028043747 ± 0.00000009	~
0.0320000015	0.032 ± 0.00000009	<b>✓</b>
-0.00395625085	-0.003956253 ± 0.000000009	~
2.84204841	2.842048638 ± 0.000009	~
-7.8026042	-7.802604057 ± 0.000009	~
	16128 16256 16384 16512 16640 16768 16896 3277 4915 6554 8192 9830 179 192 205 218 230 243 256 269 282 294 307 320 1766 1792 1818 1843 1869 Actual Value -0.0280437507 0.0320000015 -0.00395625085	16128 16256 16384 16512 16640 16768 16896 3277 4915 6554 8192 9830 179 192 205 218 230 243 256 269 282 294 307 320 1766 1792 1818 1843 1869  Actual Value

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

Test Step 1.10 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.005
VehicleSpeed_Kph_T_f32	32.28
WIRCmdAmpBlnd_MtrNm_T_f32	8.8
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00009
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688
t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	704
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	720
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	736
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	752
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	768
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	784
t2_FDD_FreqTbIYM_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_FreqTbIYM_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]	1440

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[3]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[4]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[5]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[6]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[7]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[8]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[9]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[10]

t\_InrtCmp\_ScaleFactorTblY\_Uls\_u9p7[11]

t\_WIRBIndTbIX\_MtrNm\_u8p8[0]

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FilterCoefCalc Input Value t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][10] 1456 t2\_FDD\_FreqTblYM\_Hz\_u12p4[1][11] 1472 t\_CmnVehSpd\_Kph\_u9p7[0] 10368 t\_CmnVehSpd\_Kph\_u9p7[1] 10496 t\_CmnVehSpd\_Kph\_u9p7[2] 10624 t\_CmnVehSpd\_Kph\_u9p7[3] 10752 t\_CmnVehSpd\_Kph\_u9p7[4] 10880  $t\_CmnVehSpd\_Kph\_u9p7[5]$ 11008 t\_CmnVehSpd\_Kph\_u9p7[6] 11136 t\_CmnVehSpd\_Kph\_u9p7[7] 11264 t\_CmnVehSpd\_Kph\_u9p7[8] 11392 t\_CmnVehSpd\_Kph\_u9p7[9] 11520 t\_CmnVehSpd\_Kph\_u9p7[10] 11648 11776 t\_CmnVehSpd\_Kph\_u9p7[11] 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

179

192

205

218

230

243

256

269

282

410

t_WIRBINd1blX_MtrNm_u8p8[1]	435			
t_WIRBIndTbIX_MtrNm_u8p8[2]	461			
t_WIRBIndTbIX_MtrNm_u8p8[3]	486			
t_WIRBIndTbIX_MtrNm_u8p8[4]	512			
Name	Actual Value	Expected Value	Result	
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0954187065	-0.095418708 ± 0.00000009	~	
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.039999991	0.04 ± 0.00000009	~	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0554187112	0.055418708 ± 0.00000009	~	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.28349459	1.283494792 ± 0.000009	~	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.49632454	-6.496324749 ± 0.000009	~	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.22018147	8.220180459 ± 0.000009	~	

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

Test Step 1.11 (Repeat Count = 1)	<b>✓</b>
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.006
VehicleSpeed_Kph_T_f32	48.52
WIRCmdAmpBlnd_MtrNm_T_f32	5.6
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.0001
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1440
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1456
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1472
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168

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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
	6016		
t_CmnVehSpd_Kph_u9p7[6]	6144		
t_CmnVehSpd_Kph_u9p7[7]	6272		
t_CmnVehSpd_Kph_u9p7[8]			
t_CmnVehSpd_Kph_u9p7[9]	6400 6528		
t_CmnVehSpd_Kph_u9p7[10]			
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_UIs_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_WIRBIndTblX_MtrNm_u8p8[1]	691		
t_WIRBIndTbIX_MtrNm_u8p8[2]	717		
t_WIRBIndTblX_MtrNm_u8p8[3]	742		
t_WIRBIndTbIX_MtrNm_u8p8[4]	768		
Name	Actual Value	Expected Value	Result
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.246170521	-0.246170482 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0480000004	0.048 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.198170513	0.198170482 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	0.976945579	0.976945693 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-5.9533534	-5.953353668 ± 0.000009	<b>✓</b>
			<b>~</b>

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

Test Step 1.12 (Repeat Count = 1)		<b>~</b>
Name	Input Value	
ADDCoef_MtrNmSpRad_T_f32	0.007	
VehicleSpeed_Kph_T_f32	64.95	
WIRCmdAmpBInd_MtrNm_T_f32	1.1	
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str	
k_InrtCmp_MtrInertia_KgmSq_f32	0.00011	
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136	
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152	
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168	
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184	
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200	
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1216	
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232	
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1248	

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FilterCoefCalc		(0)	2016ab
Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2]	208		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	352		
t_CmnVehSpd_Kph_u9p7[0]	0		
t_CmnVehSpd_Kph_u9p7[1]	0		
t_CmnVehSpd_Kph_u9p7[2]	0		
t_CmnVehSpd_Kph_u9p7[3]	0		
t_CmnVehSpd_Kph_u9p7[4]	0		
t_CmnVehSpd_Kph_u9p7[5]	0		
t_CmnVehSpd_Kph_u9p7[6]	0		
t_CmnVehSpd_Kph_u9p7[7]	0		
t CmnVehSpd Kph u9p7[8]	0		
t_CmnVehSpd_Kph_u9p7[9]	0		
t CmnVehSpd Kph u9p7[10]	0		
t_CmnVehSpd_Kph_u9p7[11]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_UIs_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		
	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]			
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_WIRBIndTblX_MtrNm_u8p8[1]	947		
t_WIRBIndTblX_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	-0.170547388 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0560000017	0.056 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.114547402	0.114547388 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.81319332	1.813193477 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.14600277	-7.14600287 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.04080439	7.040803652 ± 0.000009	

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

Test Step 1.13 (Repeat Count = 1)	
Name	Input Value
ADDCoef_MtrNmSpRad_T_f32	0.008
VehicleSpeed_Kph_T_f32	80.35
WIRCmdAmpBInd_MtrNm_T_f32	1.2
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str
k_InrtCmp_MtrInertia_KgmSq_f32	0.00012
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176

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Name	Input Value		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTbIYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	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]	576 592		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	608		
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	624		
t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	672		
t CmnVehSpd Kph u9p7[0]	32640		
t CmnVehSpd Kph u9p7[1]	32640		
t_CmnVehSpd_Kph_u9p7[2]	32640		
t_CmnVehSpd_Kph_u9p7[3]	32640		
t_CmnVehSpd_Kph_u9p7[4]	32640		
t_CmnVehSpd_Kph_u9p7[5]	32640		
t_CmnVehSpd_Kph_u9p7[6]	32640		
t_CmnVehSpd_Kph_u9p7[7]	32640		
t_CmnVehSpd_Kph_u9p7[8]	32640		
t_CmnVehSpd_Kph_u9p7[9]	32640		
t_CmnVehSpd_Kph_u9p7[10]	32640		
t_CmnVehSpd_Kph_u9p7[11]	32640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	1638		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_UIs_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	-0.039292744 ± 0.00000009	<b>✓</b>
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.064000003	0.064 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0247072577	-0.024707256 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.37325883	3.373258677 ± 0.000009	~
tgt_filtCoef_UIs_T_Str.a0_UIs_f32 tgt_filtCoef_UIs_T_Str.a1_UIs_f32	3.37325883 -7.94662905 4.68011236	3.373258677 ± 0.000009 -7.946629189 ± 0.000009	

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



Test Step 1.14 (Repeat Count = 1)	Invest Value		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.009		
VehicleSpeed_Kph_T_f32	96.62		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str	1.3		
k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 0.00013		
k_initCmp_wtmertia_kgm5q_i32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
12_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
12_FDD_F1eq1b17M_Hz_u12p4[0][1] 12_FDD_F1eq1b1YM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2 FDD FreqTbIYM Hz u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2 FDD FreqTblYM Hz u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2 FDD FreqTblYM Hz u12p4[1][0]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	96		
12_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		
12_FDD_FreqTblYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	9830		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_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]	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	F 1 111 1	
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0544182248	-0.054418228 ± 0.00000009	•
	0.0719999969	0.072 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32		0.047504555	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0175817721	-0.017581772 ± 0.00000009	•
		-0.017581772 ± 0.00000009 2.504263453 ± 0.000009 -7.651364918 ± 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)	Innext Wales		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.01		
VehicleSpeed_Kph_T_f32	112.41		
WIRCmdAmpBInd_MtrNm_T_f32			
filtCoef_Uls_T_Str k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 0.00014		
k_inticinp_withertia_kgm5q_i32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	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_WIRBIndTblX_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	E	
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0412790775	-0.04127908 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.079999982	0.08 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0387209207	-0.03872092 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.72832537	3.728325621 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.99044704	-7.990446859 ± 0.000009	,
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.28122759	4.28122752 ± 0.000009	

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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	0.011		
VehicleSpeed_Kph_T_f32	128.56		
WIRCmdAmpBlnd_MtrNm_T_f32	1.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00015		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	1600		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	1600		
t2_FDD_FreqTbIYM_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]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]			
t2_FDD_FreqTblYM_Hz_u12p4[1][6] t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192 208		
	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][8] t2_FDD_FreqTblYM_Hz_u12p4[1][9]	240		
t2_FDD_FreqTbIYM_Hz_u12p4[1][9]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	272		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t CmnVehSpd Kph u9p7[11]	1536		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	115		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	179		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1894		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.199160993	-0.199160956 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.087999995	0.088 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.111160994	0.111160956 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.34697342	1.346973575 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.59078789	-6.590788107 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.06223869	8.062238318 ± 0.000009	

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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	0.012		
VehicleSpeed_Kph_T_f32	144.52		
WIRCmdAmpBlnd_MtrNm_T_f32	1.6		
filtCoef_UIs_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00016		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816 832		
t2_FDD_FreqTblYM_Hz_u12p4[0][1] t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2 FDD FreqTblYM Hz u12p4[0][4]	880		
t2 FDD FreqTblYM Hz u12p4[0][5]	896		
t2 FDD FreqTblYM Hz u12p4[0][6]	912		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	688		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520 12800		
t_CmnVehSpd_Kph_u9p7[8] t CmnVehSpd Kph u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t DmpFiltKpWIRBIndY Uls u2p14[0]	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	-0.179731222 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.0960000008	0.096 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0837312266	0.083731222 ± 0.00000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	

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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	0.013		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBInd_MtrNm_T_f32	160.63		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k InrtCmp MtrInertia KgmSq f32	0.0003		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	144		
t2_FDD_FreqTbIYM_Hz_u12p4[0][9]	160 176		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	192		
t2 FDD FreqTbIYM 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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	16 16		
t_CmnVehSpd_Kph_u9p7[0]	6784		
t_CmnVehSpd_Kph_u9p7[1]	6912		
t_CmnVehSpd_Kph_u9p7[2]	7040		
t_CmnVehSpd_Kph_u9p7[3]	7168		
t_CmnVehSpd_Kph_u9p7[4]	7296		
t_CmnVehSpd_Kph_u9p7[5]	7424		
t_CmnVehSpd_Kph_u9p7[6]	7552		
t_CmnVehSpd_Kph_u9p7[7]	7680		
t_CmnVehSpd_Kph_u9p7[8]	7808		
t_CmnVehSpd_Kph_u9p7[9]	7936		
t_CmnVehSpd_Kph_u9p7[10]	8064		
t_CmnVehSpd_Kph_u9p7[11] t_DmpFiltKpWlRBIndY_Uls_u2p14[0]	8192 1638		
t_DmpFiltKpWlRBIndY_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]	154 166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	205		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1050		
t_WIRBIndTblX_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	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0631598011	-0.063159799 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.104000002	0.104 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0408402011	-0.040840201 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.47085524	3.47085539 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.96247482	-7.962474705 ± 0.000009	

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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	0.014		
VehicleSpeed_Kph_T_f32	176.85		
WIRCmdAmpBlnd_MtrNm_T_f32	1.8		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00031 32		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]			
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	48 64		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	80		
t2_FDD_Fleq16lfW_Fl2_u12p4[0][3] t2_FDD_Fleq16lfW_Fl2_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 FreqTbIYM Hz u12p4[1][2]	1600		
t2 FDD FreqTbIYM Hz u12p4[1][3]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1600		
t2 FDD FreqTbIYM Hz u12p4[1][5]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1600		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1600		
t_CmnVehSpd_Kph_u9p7[0]	128		
t_CmnVehSpd_Kph_u9p7[1]	256		
t_CmnVehSpd_Kph_u9p7[2]	384		
t_CmnVehSpd_Kph_u9p7[3]	512		
t_CmnVehSpd_Kph_u9p7[4]	640		
t_CmnVehSpd_Kph_u9p7[5]	768		
t_CmnVehSpd_Kph_u9p7[6]	896		
t_CmnVehSpd_Kph_u9p7[7]	1024		
t_CmnVehSpd_Kph_u9p7[8]	1152		
t_CmnVehSpd_Kph_u9p7[9]	1280		
t_CmnVehSpd_Kph_u9p7[10]	1408		
t_CmnVehSpd_Kph_u9p7[11]	1536		
t_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]	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]	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	Resu
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.173795044	-0.173795005 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.112000003	0.112 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0617950335	0.061795005 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.61782336	2.617823645 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.70810461	-7.708104611 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.67407131	5.674071744 ± 0.000009	

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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	0.015		
VehicleSpeed_Kph_T_f32	192.52		
WIRCmdAmpBlnd_MtrNm_T_f32	1.9		
filtCoef_Uls_T_Str	tgt_filtCoef_UIs_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00032		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	48 64		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	80		
t2_FDD_FreqTbIYM_Hz_u12p4[0][2] t2_FDD_FreqTbIYM_Hz_u12p4[0][3]	96		
t2_FDD_F1eq1b1fW_F12_012p4[0][3] t2_FDD_F1eq1b1fW_F12_012p4[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 FreqTbIYM Hz u12p4[1][3]	704		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	720		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	752		
t2 FDD FreqTblYM Hz u12p4[1][7]	768		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	784		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	800		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	816		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	832		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	16640		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	4915		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	320		
t_WIRBIndTbiX_MtrNm_u8p8[0]	1562		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1587		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1613		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1638		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1664		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.155867472	-0.155867459 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.119999997	0.12 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0358674712	0.035867459 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.82515574	2.825155925 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.79624844	-7.796248275 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.37859583	5.3785958 ± 0.000009	

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





Test Step 1.21 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.016		
VehicleSpeed_Kph_T_f32	208.12		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str			
k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 0.00033		
k_intemp_witherta_kginsq_isz t2_FDD_FreqTblYM_Hz_u12p4[0][0]	64		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	80		
t2_FDD_F1eq1b1fM_F12_012p4[0][1] t2_FDD_F1eq1b1fM_Hz_u12p4[0][2]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	144		
t2 FDD FreqTblYM Hz u12p4[0][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	16		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	32		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	192		
t_CmnVehSpd_Kph_u9p7[0]	12800		
t_CmnVehSpd_Kph_u9p7[1]	12928		
t_CmnVehSpd_Kph_u9p7[2]	13056		
t_CmnVehSpd_Kph_u9p7[3]	13184		
t_CmnVehSpd_Kph_u9p7[4]	13312		
t_CmnVehSpd_Kph_u9p7[5]	13440		
t_CmnVehSpd_Kph_u9p7[6]	13568		
t_CmnVehSpd_Kph_u9p7[7]	13696		
t_CmnVehSpd_Kph_u9p7[8]	13824		
t_CmnVehSpd_Kph_u9p7[9]	13952		
t_CmnVehSpd_Kph_u9p7[10]	14080		
t_CmnVehSpd_Kph_u9p7[11]	14208		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	141		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	154		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	282		
t_WIRBIndTblX_MtrNm_u8p8[0]	0		
t_WIRBIndTblX_MtrNm_u8p8[1]	0		
t_WIRBIndTblX_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	-0.088326814 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.128000006	0.128 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0396731868	-0.039673186 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.39172339	3.3917236 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.94985914	-7.94985896 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.65841722	4.65841744 ± 0.000009	• • • • • • • • • • • • • • • • • • •

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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	0.017		
VehicleSpeed_Kph_T_f32	224.01		
WIRCmdAmpBind_MtrNm_T_f32	2.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00034		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	144		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	176 192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8] 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_Fr2_d12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	80		
t2_FDD_FreqTblYM_Fr2_d12p4[1][5]	96		
t2 FDD FreqTblYM Hz u12p4[1][5]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	208		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t CmnVehSpd Kph u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t_CmnVehSpd_Kph_u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	13107		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	14746		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_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]	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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.10374245	-0.103742449 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.136000007	0.136 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0322575532	-0.032257551 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.30435205	3.304351854 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.93359709	-7.933597302 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.76205063	4.762050845 ± 0.000009	<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 1.23 (Repeat Count = 1)	Ironat Walna		
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.018		
VehicleSpeed_Kph_T_f32	240.02 3.5		
WIRCmdAmpBInd_MtrNm_T_f32 filtCoef Uls T Str			
k InrtCmp MtrInertia KgmSq f32	tgt_filtCoef_Uls_T_Str 0.00035		
k_inticinp_withertia_kgm5q_i32 t2_FDD_FreqTblYM_Hz_u12p4[0][0]	96		
t2_FDD_FreqTbIYM_Hz_u12p4[0][0]	112		
t2_FDD_FreqTbIYM_Hz_u12p4[0][1]	128		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	144		
t2 FDD FreqTbIYM Hz u12p4[0][4]	160		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	176		
t2 FDD FreqTblYM Hz u12p4[0][6]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	272		
t2 FDD FreqTblYM Hz u12p4[1][0]	48		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	64		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	224		
t_CmnVehSpd_Kph_u9p7[0]	10368		
t_CmnVehSpd_Kph_u9p7[1]	10496		
t_CmnVehSpd_Kph_u9p7[2]	10624		
t_CmnVehSpd_Kph_u9p7[3]	10752		
t_CmnVehSpd_Kph_u9p7[4]	10880		
t_CmnVehSpd_Kph_u9p7[5]	11008		
t_CmnVehSpd_Kph_u9p7[6]	11136		
t_CmnVehSpd_Kph_u9p7[7]	11264		
t_CmnVehSpd_Kph_u9p7[8]	11392		
t_CmnVehSpd_Kph_u9p7[9]	11520		
t_CmnVehSpd_Kph_u9p7[10]	11648		
t_CmnVehSpd_Kph_u9p7[11]	11776		
t_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_UIs_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_WIRBIndTblX_MtrNm_u8p8[0]	256		
t_WIRBIndTbIX_MtrNm_u8p8[1]	512		
t_WIRBIndTblX_MtrNm_u8p8[2]	768		
t_WIRBIndTblX_MtrNm_u8p8[3]	1024		
t_WIRBIndTblX_MtrNm_u8p8[4]	1280	F 1 111 1	
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	0.144 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b2_UIs_f32	-0.0233457759	-0.023345782 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.25202346	3.25202347 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.922647	-7.92264714 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.82532883	4.82532939 ± 0.000009	· · · · · · · · · · · · · · · · · · ·

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





Test Step 1.24 (Repeat Count = 1)			×
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.019		
VehicleSpeed_Kph_T_f32	256.05		
WIRCmdAmpBInd_MtrNm_T_f32	4.3		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00036		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	336		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	352		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	368		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	384		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	400		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	416 432		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	448		
t2_FDD_FreqTblYM_Hz_u12p4[0][7] 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 FreqTbIYM Hz u12p4[1][5]	144		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	240		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11]	6656		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	0		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	256		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	307		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	320		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	333		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	346		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	358		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1766		
t_WIRBIndTblX_MtrNm_u8p8[1]	1792		
t_WIRBIndTblX_MtrNm_u8p8[2]	1818		
t_WIRBIndTblX_MtrNm_u8p8[3]	1843 1869		
t_WIRBIndTblX_MtrNm_u8p8[4]		E	la .
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.266277403	-0.266277387 ± 0.0000009	
tgt_filtCoef_UIs_T_Str.b1_UIs_f32	0.151999995	0.152 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b2_UIs_f32	0.114277415	0.114277387 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.a0_UIs_f32	2.55320787	2.55320816 ± 0.000009	•
tgt_filtCoef_UIs_T_Str.a1_UIs_f32	-7.67659283	-7.676592803 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	5.7701993	5.770199037 ± 0.000009	•

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





Test Step 1.25 (Repeat Count = 1)			~
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.02		
VehicleSpeed_Kph_T_f32	272.06		
WIRCmdAmpBInd_MtrNm_T_f32	5.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00037		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	672		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	688 704		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	704		
t2_FDD_FreqTbIYM_Hz_u12p4[0][4] t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	736		
t2_FDD_FreqTbIYM_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_FreqTbIYM_Hz_u12p4[0][11]	832		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	80		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	96		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	112		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	128		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	144		
t2 FDD FreqTblYM Hz u12p4[1][5]	160		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	192		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3]	4352		
t_CmnVehSpd_Kph_u9p7[4]	4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	16384		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	16384		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	13		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	26		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	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_WIRBIndTblX_MtrNm_u8p8[0]	410		
t_WIRBIndTblX_MtrNm_u8p8[1]	435		
t_WIRBIndTblX_MtrNm_u8p8[2]	461		
t_WIRBIndTblX_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	-0.099631729 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.159999996	0.16 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0603682697	-0.060368271 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	3.23617816	3.23617818 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.91914797	-7.919148201 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	4.84467363	4.844673619 ± 0.000009	<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	0.021		
VehicleSpeed_Kph_T_f32	288.08		
WIRCmdAmpBlnd_MtrNm_T_f32 filtCoef Uls T Str	tgt filtCoef Uls T Str		
k InrtCmp MtrInertia KgmSq f32	0.00038		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1328		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1344		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1360		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1376		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1408		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	1440 1456		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	256 272		
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] t_DmpFiltKpWlRBIndY_Uls_u2p14[0]	14208 4915		
t DmpFiltKpWIRBIndY Uls u2p14[1]	6554		
t_DmpFiltKpWlRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_UIs_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_UIs_u9p7[5]	90		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	102		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	115 128		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	128		
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	-0.211607064 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.16799998	0.168 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.0436070785	0.043607064 ± 0.00000009	•
	2.26002260	2.260932845 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	2.26093268 -7.50725317	-7.507253234 ± 0.000009	

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





Test Step 1.27 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.022		
VehicleSpeed_Kph_T_f32	304.09		
WIRCmdAmpBInd_MtrNm_T_f32	7.1		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00039		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1200 1216		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	1246		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1296		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10]	1312		
t2_FDD_FreqTblYM_Hz_u12p4[0][11] t2_FDD_FreqTblYM_Hz_u12p4[1][0]	336		
	352		
t2_FDD_FreqTblYM_Hz_u12p4[1][1] t2_FDD_FreqTblYM_Hz_u12p4[1][2]	368		
t2_FDD_FreqTbIYM_Hz_u12p4[1][2] t2_FDD_FreqTbIYM_Hz_u12p4[1][3]	388		
t2_FDD_FreqTbIYM_Hz_u12p4[1][3] t2_FDD_FreqTbIYM_Hz_u12p4[1][4]	400		
t2_FDD_FreqTbIYM_Hz_u12p4[1][5]	416		
t2_FDD_FreqTbIYM_Hz_u12p4[1][6]	432		
t2_FDD_FreqTbIYM_Hz_u12p4[1][7]	448		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	464		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	480		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	512		
t_CmnVehSpd_Kph_u9p7[0]	15488		
t_CmnVehSpd_Kph_u9p7[1]	15616		
t_CmnVehSpd_Kph_u9p7[2]	15744		
t_CmnVehSpd_Kph_u9p7[3]	15872		
t_CmnVehSpd_Kph_u9p7[4]	16000		
t_CmnVehSpd_Kph_u9p7[5]	16128		
t_CmnVehSpd_Kph_u9p7[6]	16256		
t_CmnVehSpd_Kph_u9p7[7]	16384		
t_CmnVehSpd_Kph_u9p7[8]	16512		
t_CmnVehSpd_Kph_u9p7[9]	16640		
t CmnVehSpd Kph u9p7[10]	16768		
t_CmnVehSpd_Kph_u9p7[11]	16896		
t DmpFiltKpWIRBIndY Uls u2p14[0]	1638		
t DmpFiltKpWIRBIndY Uls u2p14[1]	3277		
t_DmpFiltKpWIRBIndY_UIs_u2p14[2]	4915		
t_DmpFiltKpWIRBIndY_UIs_u2p14[3]	6554		
t DmpFiltKpWIRBIndY Uls u2p14[4]	8192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	0		
t InrtCmp ScaleFactorTblY Uls u9p7[1]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	0		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	0		
t_WIRBIndTbIX_MtrNm_u8p8[0]	922		
t_WIRBIndTbIX_MtrNm_u8p8[1]	947		
t_WIRBIndTbIX_MtrNm_u8p8[2]	973		
t_WIRBIndTbIX_MtrNm_u8p8[3]	998		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1024		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.0564835407	-0.056483543 ± 0.00000009	•
tgt_filtCoef_UIs_T_Str.b1_UIs_f32	0.175999999	0.176 ± 0.0000009	•
tgt_filtCoef_UIs_T_Str.b2_UIs_f32	-0.119516462	-0.119516457 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64792883	1.647929015 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97387695	-6.97387697 ± 0.000009	
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	7.37819529	7.378194015 ± 0.000009	

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





Test Step 1.28 (Repeat Count = 1)			✓
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.023		
VehicleSpeed_Kph_T_f32	320.07		
WIRCmdAmpBInd_MtrNm_T_f32	8.2		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.0004		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	192		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[0][10] t2_FDD_FreqTblYM_Hz_u12p4[0][11]	336 352		
	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][0] 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][3]	704		
t2 FDD FreqTblYM Hz u12p4[1][5]	736		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	750		
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_UIs_u2p14[0]	3277		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	4915		
t DmpFiltKpWIRBIndY Uls u2p14[2]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	8192		
t DmpFiltKpWIRBIndY Uls u2p14[4]	9830		
t_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_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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44143194	-0.44143189 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.184	0.184 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.257431924	0.25743189 ± 0.0000009	_
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.24206972	2.242070137 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.49469471	-7.49469476 ± 0.000009	_

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





Test Step 1.29 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.024		
VehicleSpeed_Kph_T_f32 WIRCmdAmpBlnd_MtrNm_T_f32	336.06 4.5		
filtCoef Uls T Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00041		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9] t2_FDD_FreqTblYM_Hz_u12p4[0][10]	640 656		
t2_FDD_FreqTbIYM_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] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1456 1472		
t_CmnVehSpd_Kph_u9p7[0]	5248		
t_CmnVehSpd_Kph_u9p7[1]	5376		
t_CmnVehSpd_Kph_u9p7[2]	5504		
t_CmnVehSpd_Kph_u9p7[3]	5632		
t_CmnVehSpd_Kph_u9p7[4]	5760		
t_CmnVehSpd_Kph_u9p7[5]	5888		
t_CmnVehSpd_Kph_u9p7[6]	6016		
t_CmnVehSpd_Kph_u9p7[7]	6144		
t_CmnVehSpd_Kph_u9p7[8]	6272		
t_CmnVehSpd_Kph_u9p7[9]	6400		
t_CmnVehSpd_Kph_u9p7[10]	6528		
t_CmnVehSpd_Kph_u9p7[11] t_DmpFiltKpWIRBIndY_UIs_u2p14[0]	6656 4915		
t DmpFiltKpWIRBIndY Uls u2p14[1]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	8192		
t_DmpFiltKpWlRBIndY_Uls_u2p14[3]	9830		
t_DmpFiltKpWIRBIndY_UIs_u2p14[4]	11469		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	205		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4]	218		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	230		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[6]	243		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[7]	256 269		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[8] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	282		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	294		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	307		
t_WIRBIndTbIX_MtrNm_u8p8[0]	1434		
t_WIRBIndTbIX_MtrNm_u8p8[1]	1459		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1485		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1510		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1536		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.64859736	-0.648597291 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.192000002	0.192 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	0.456597328	0.456597291 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.64794874	1.647948707 ± 0.000009	· · · · · ·
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.97389889	-6.973898945 ± 0.000009	

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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)			<b>✓</b>
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.025		
VehicleSpeed_Kph_T_f32	352.05		
WIRCmdAmpBInd_MtrNm_T_f32	4.9		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00001		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	816		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	832		
t2_FDD_FreqTblYM_Hz_u12p4[0][2]	848		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	864		
t2_FDD_FreqTblYM_Hz_u12p4[0][4] t2_FDD_FreqTblYM_Hz_u12p4[0][5]	880 896		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	912		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	928		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	944		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	960		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	976		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	992		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	1136		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	1152		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	1168		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	1184		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	1200		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	1216		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	1232		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	1248		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	1264		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	1280		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	1296		
t2_FDD_FreqTblYM_Hz_u12p4[1][11]	1312		
t_CmnVehSpd_Kph_u9p7[0]	3968		
t_CmnVehSpd_Kph_u9p7[1]	4096		
t_CmnVehSpd_Kph_u9p7[2]	4224		
t_CmnVehSpd_Kph_u9p7[3] t_CmnVehSpd_Kph_u9p7[4]	4352 4480		
t_CmnVehSpd_Kph_u9p7[5]	4608		
t_CmnVehSpd_Kph_u9p7[6]	4736		
t_CmnVehSpd_Kph_u9p7[7]	4864		
t_CmnVehSpd_Kph_u9p7[8]	4992		
t_CmnVehSpd_Kph_u9p7[9]	5120		
t_CmnVehSpd_Kph_u9p7[10]	5248		
t_CmnVehSpd_Kph_u9p7[11]	5376		
t_DmpFiltKpWIRBIndY_Uls_u2p14[0]	6554		
t_DmpFiltKpWIRBIndY_Uls_u2p14[1]	8192		
t_DmpFiltKpWIRBIndY_Uls_u2p14[2]	9830		
t_DmpFiltKpWIRBIndY_Uls_u2p14[3]	11469		
t_DmpFiltKpWIRBIndY_Uls_u2p14[4]	13107		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[0]	38		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1]	51		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[2]	64		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[3]	77		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[4] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[5]	90		
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]	1690		
t_WIRBIndTblX_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
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.12834549	-0.128345472 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.20000003	0.2 ± 0.0000009	~
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0716545135	-0.071654528 ± 0.00000009	~
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	1.25517929	1.255179464 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-6.45242405	-6.45242444 ± 0.000009	~
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	8.29239559	8.292396096 ± 0.000009	<u> </u>

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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 1.31 (Repeat Count = 1)			*
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.026		
VehicleSpeed_Kph_T_f32	368.01		
WIRCmdAmpBInd_MtrNm_T_f32 filtCoef Uls T Str	7.5		
k_InrtCmp_MtrInertia_KgmSq_f32	tgt_filtCoef_Uls_T_Str 0.0005		
t2_FDD_FreqTblYM_Hz_u12p4[0][0]	1392		
t2_FDD_FreqTblYM_Hz_u12p4[0][1]	1408		
t2 FDD FreqTblYM Hz u12p4[0][2]	1424		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	1440		
t2_FDD_FreqTblYM_Hz_u12p4[0][4]	1456		
t2_FDD_FreqTbIYM_Hz_u12p4[0][5]	1472		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	1488		
t2_FDD_FreqTbIYM_Hz_u12p4[0][7]	1504		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	1520		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	1536		
t2_FDD_FreqTbIYM_Hz_u12p4[0][10] t2_FDD_FreqTbIYM_Hz_u12p4[0][11]	1552 1568		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	176		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	192		
t2 FDD FreqTblYM Hz u12p4[1][2]	208		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	224		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	240		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	256		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	272		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	288		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	304		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	320		
t2_FDD_FreqTblYM_Hz_u12p4[1][10]	336 352		
t2_FDD_FreqTbIYM_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_UIs_u2p14[0] t_DmpFiltKpWIRBIndY_UIs_u2p14[1]	8192 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] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9]	154 166		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[9] t_InrtCmp_ScaleFactorTblY_Uls_u9p7[10]	179		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[11]	192		
t_WIRBIndTblX_MtrNm_u8p8[0]	1894		
t_WIRBIndTblX_MtrNm_u8p8[1]	1920		
t_WIRBIndTbIX_MtrNm_u8p8[2]	1946		
t_WIRBIndTbIX_MtrNm_u8p8[3]	1971		
t_WIRBIndTbIX_MtrNm_u8p8[4]	1997		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.44634214	-0.446342077 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.208000004	0.208 ± 0.0000009	•
	0.238342136	0.238342077 ± 0.0000009	
tgt_filtCoef_Uls_T_Str.b2_Uls_f32			
tgt_filtCoef_Uls_T_Str.b2_Uls_f32 tgt_filtCoef_Uls_T_Str.a0_Uls_f32 tgt_filtCoef_Uls_T_Str.a1_Uls_f32	1.7996192 -7.13275242	1.7996192 ± 0.000009 -7.132752506 ± 0.000009	

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





Test Step 1.32 (Repeat Count = 1)			
Name	Input Value		
ADDCoef_MtrNmSpRad_T_f32	0.027		
VehicleSpeed_Kph_T_f32	384.02		
WIRCmdAmpBInd_MtrNm_T_f32	2.5		
filtCoef_Uls_T_Str	tgt_filtCoef_Uls_T_Str		
k_InrtCmp_MtrInertia_KgmSq_f32	0.00003 496		
t2_FDD_FreqTblYM_Hz_u12p4[0][0] t2_FDD_FreqTblYM_Hz_u12p4[0][1]	512		
t2 FDD FreqTblYM Hz u12p4[0][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[0][3]	544		
t2 FDD FreqTblYM Hz u12p4[0][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[0][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[0][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[0][7]	608		
t2_FDD_FreqTblYM_Hz_u12p4[0][8]	624		
t2_FDD_FreqTblYM_Hz_u12p4[0][9]	640		
t2_FDD_FreqTblYM_Hz_u12p4[0][10]	656		
t2_FDD_FreqTblYM_Hz_u12p4[0][11]	672		
t2_FDD_FreqTblYM_Hz_u12p4[1][0]	496		
t2_FDD_FreqTblYM_Hz_u12p4[1][1]	512		
t2_FDD_FreqTblYM_Hz_u12p4[1][2]	528		
t2_FDD_FreqTblYM_Hz_u12p4[1][3]	544		
t2_FDD_FreqTblYM_Hz_u12p4[1][4]	560		
t2_FDD_FreqTblYM_Hz_u12p4[1][5]	576		
t2_FDD_FreqTblYM_Hz_u12p4[1][6]	592		
t2_FDD_FreqTblYM_Hz_u12p4[1][7]	608 624		
t2_FDD_FreqTblYM_Hz_u12p4[1][8]	640		
t2_FDD_FreqTblYM_Hz_u12p4[1][9]	656		
t2_FDD_FreqTblYM_Hz_u12p4[1][10] t2_FDD_FreqTblYM_Hz_u12p4[1][11]	672		
t_CmnVehSpd_Kph_u9p7[0]	2560		
t_CmnVehSpd_Kph_u9p7[1]	3840		
t_CmnVehSpd_Kph_u9p7[2]	5120		
t_CmnVehSpd_Kph_u9p7[3]	6400		
t_CmnVehSpd_Kph_u9p7[4]	7680		
t_CmnVehSpd_Kph_u9p7[5]	8960		
t_CmnVehSpd_Kph_u9p7[6]	10240		
t_CmnVehSpd_Kph_u9p7[7]	11520		
t_CmnVehSpd_Kph_u9p7[8]	12800		
t_CmnVehSpd_Kph_u9p7[9]	14080		
t_CmnVehSpd_Kph_u9p7[10]	15360		
t_CmnVehSpd_Kph_u9p7[11]	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_UIs_u9p7[0]	179 192		
t_InrtCmp_ScaleFactorTblY_Uls_u9p7[1] 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]	794		
t_WIRBIndTbIX_MtrNm_u8p8[1]	819		
t_WIRBIndTbIX_MtrNm_u8p8[2]	845		
t_WIRBIndTbIX_MtrNm_u8p8[3]	870		
t_WIRBIndTbIX_MtrNm_u8p8[4]	896		
Name	Actual Value	Expected Value	Resul
tgt_filtCoef_Uls_T_Str.b0_Uls_f32	-0.1716436	-0.171643583 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b1_Uls_f32	0.216000006	0.216 ± 0.0000009	•
tgt_filtCoef_Uls_T_Str.b2_Uls_f32	-0.0443564057	-0.044356417 ± 0.00000009	•
tgt_filtCoef_Uls_T_Str.a0_Uls_f32	2.16740918	2.167409451 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a1_Uls_f32	-7.44288063	-7.442880571 ± 0.000009	•
tgt_filtCoef_Uls_T_Str.a2_Uls_f32	6.38971043	6.389709978 ± 0.000009	

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

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FrqDepDmpnInrtCmp\_Init

Project FDD\_Inertia

 Module
 FDD\_Inertia\_FLTINJ

 Test Object
 FrqDepDmpnInrtCmp\_Init

#### Instrumentation: Test Object Only

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

#### **Statistics**

Total Testcases	1
Successful	1
Failed	0
Not Executed	0



#### **Module Properties**

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

Comments/Description/	Specification
Name	Text
Module 'FDD_Inertia_FLTINJ'	**************************************
	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_FrqDepDmpnInrtCmp.c
	Code File(s) Version: 13  Module Design Document: Frequency_Dependent_Damping_And_Inertia_Compensation_MDD.doc
	Module Design Document Version: 18 Data Dictionary Version: 16
	Unit Test Plan Version: 6 Optimization Level: Level 2
	Compiler (CodeGen) Version: TMS470_4.9.5  Model Type: Excel Macro
	Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1994
	Total RAM Used (Bytes): 60 Total CALS Used (Bytes): 328
	Special Test Requirements: Test Date: 09-19-2014
	Comments:
	Note1:Inline Function defined in ""globalmacro.h"" are not unit tested.
	Note2:""CBD_Sandbox_dbg.map"" file is embedded for reference.
	Note3:In ""DriverVelCalc"" function,difference between TbarAngle and PrevTbarAngle cannot be more than 0.013334 since this function is run in 2ms period so Max value for ""PrevTbarAng_HwDeg_M_f32"" variable is given as 1.013334 in All Max Vector and also in All Max Vector of ""FrqDepDmpnInrtCmp_Per1"" function.
	Note4:In ""ADDCoefCalc"" function,return value is going out of range due to conversion happening in the function.
	Note5:In ""FilterCoefCalc"" function,the Range of the Structure Variable "filtCoef_Uls_T_Str.b0_Uls_f32" is calculated as -2.74156205240179 to 0 and "filtCoef_Uls_T_Str.b1_Uls_f32" is calculated as -0.160083862455113 to 2.41111405240179 and the same is updated in MDD version 16.
	Note6:In ""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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

FrqDepDmpnInrtCmp\_Init

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Attributes

Name

Value

UDE Config File \$(PROJECTROOT)\UnitTestEnv\config\TMS570\_UDE\_12PIN\_JTAG.cfg

Workspace File D:\Synergy\_Work\_Area\CBD\_FrqDepDmpnInrtCmp\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP



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

Specification

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

CPU Cycles:

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

Description

Test Vector Description:

TS1.1 All min

TS1.2 All max

TS1.2 All max
TS1.3 k\_InttCmp\_TBarVelLPFKn\_Hz\_f32 = min
TS1.4 k\_InttCmp\_TBarVelLPFKn\_Hz\_f32 = max
TS1.5 k\_InttCmp\_TBarVelLPFKn\_Hz\_f32 = mid
TS1.6 TbarVelFiltSv\_M\_str.K = min
TS1.7 TbarVelFiltSv\_M\_str.K = max
TS1.8 TbarVelFiltSv\_M\_str.K = mid
TS1.9 TbarVelFiltSv\_M\_str.SV = min
TS1.10 TbarVelFiltSv\_M\_str.SV = max
TS1.11 TbarVelFiltSv\_M\_str.SV = zero
TS1.12 TbarVelFiltSv\_M\_str.SV = pos
TS1.13 TbarVelFiltSv\_M\_str.SV = neg

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	0.10000001		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TharVelFiltSv M str K Uls f32	0.00125586987	0.00125584798 + 0.000125655810790826	_

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444		
k_InrtCmp_TBarVelLPFKn_Hz_f32	100		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	•
TbarVelFiltSv M str.K Uls f32	0.715390444	0.715390444 ± 0.000125655810790826	<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	~
TbarVelFiltSv M str.K Uls f32	0.00125586987	0.00125584798 ± 0.000125655810790826	•

Test Step 1.4 (Repeat Count = 1)			<b>✓</b>
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	~

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

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

Test Step 1.6 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	2.55769992		
TbarVelFiltSv_M_str.K_Uls_f32	0.00125584798		
k_InrtCmp_TBarVelLPFKn_Hz_f32	25.2000008		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.271430731	0.271430701 ± 0.000125655810790826	-

Test Step 1.7 (Repeat Count = 1)			
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	3.99850011		
TbarVelFiltSv_M_str.K_Uls_f32	0.715390444		
k_InrtCmp_TBarVelLPFKn_Hz_f32	26		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.278718412	0.278718382 ± 0.000125655810790826	~

Test Step 1.8 (Repeat Count = 1)			~
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-4.12300014		
TbarVelFiltSv_M_str.K_Uls_f32	0.587459981		
k_InrtCmp_TBarVelLPFKn_Hz_f32	35.25		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	-
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	-
TbarVelFiltSv_M_str.K_Uls_f32	0.357870042	0.357870042 ± 0.000125655810790826	<b>✓</b>

Test Step 1.9 (Repeat Count = 1)			V
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	-6.66669989		
TbarVelFiltSv_M_str.K_Uls_f32	0.532140017		
k_InrtCmp_TBarVelLPFKn_Hz_f32	84		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	<b>✓</b>
TbarVelFiltSv_M_str.K_Uls_f32	0.652007818	0.652007759 ± 0.000125655810790826	~

Test Step 1.10 (Repeat Count = 1)	
Name	Input Value
TbarVelFiltSv_M_str.SV_Uls_f32	6.66669989
TbarVelFiltSv_M_str.K_Uls_f32	0.0147850001

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Name	Input Value		
k_InrtCmp_TBarVelLPFKn_Hz_f32	95.0100021		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.696972251	0.696972251 ± 0.000125655810790826	~

Test Step 1.11 (Repeat Count = 1)			✓
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	0		
TbarVelFiltSv_M_str.K_Uls_f32	0.0258959997		
k_InrtCmp_TBarVelLPFKn_Hz_f32	41.2000008		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	~
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.404131055	0.404131025 ± 0.000125655810790826	~

Test Step 1.12 (Repeat Count = 1)			<b>✓</b>
Name	Input Value		
TbarVelFiltSv_M_str.SV_Uls_f32	5.69869995		
TbarVelFiltSv_M_str.K_Uls_f32	0.632139981		
k_InrtCmp_TBarVelLPFKn_Hz_f32	56.3499985		
Name	Actual Value	Expected Value	Result
PreDecelGain_Uls_M_f32	1	1 ± 0.0625	•
TbarVelFiltSv_M_str.SV_Uls_f32	0	0 ± 0.00390625	~
TbarVelFiltSv_M_str.K_Uls_f32	0.507428169	0.507428169 ± 0.000125655810790826	•

Test Step 1.13 (Repeat Count = 1)			<b>✓</b>
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 ± 0.000125655810790826	•